



**Annual Report**  
**2020**

## “Impact Through Unity”

### **Vision**

We strive to unite Actuarial Science Students across Malaysia to create a national platform for them to get industrial exposure, academic support and networking opportunities.

### **Mission**

1. To represent the voice of Malaysia’s Actuarial Science Students.
2. To provide a platform for members to learn, discuss and act upon issues related to the profession.
3. To provide educational and industrial support to Actuarial Science Students in Malaysia.
4. To create a networking platform with working professionals and peers from other universities.

Malaysian Actuarial Student Association (MASA) has been successfully registered under the Registrar of Societies (ROS) on 18th October 2018.

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## **The President's Foreword**

The Malaysian Actuarial Student Association (MASA) has been established with the vision to unite actuarial students in Malaysia. In MASA, we uphold the belief that together, we can make an impact, a positive impact, to the actuarial student community as well as the actuarial industry.

In 2020, the baton was passed to its second term of management since its official establishment. We recognised this year as a pivoting point to elucidate the role of MASA in the actuarial student community. To extrapolate our services, expand our network and extend our reach to more students, were our considerations for the year. Hence, multiple projects and executional strategies were set up to attain desired outcomes in line with our vision and mission.

However, the COVID-19 pandemic hit hard and lasted for the whole term. We were put to the test that challenged everyone on their core values and adaptability, and helped to wipe out irrelevance from the world. The pandemic can be unprecedented, but the elimination process itself is not. We need to stay relevant and ensure our actions actually bring contribution to society. Therefore, we re-evaluated the situation, adopted a new developmental strategy, and steered MASA in a direction that could grasp opportunities in the world of accelerated digitisation.

Lastly, it is delightful to note that the actuarial student community in Malaysia has been growing in numbers in recent years. This puts us in a more-than-ever significant position to bring unity to the community and recognise ourselves with our unique culture. We welcome all the actuarial students, who wish to explore, learn and grow with us in this journey. Together, we unite. Together, we create impacts.

## **IMPACT THROUGH UNITY**

*Lim Jia Zheng,*

*President of Malaysian Actuarial Student Association*

**Leadership Structure 2020**



**President**  
Lim Jia Zheng



**Vice President of  
Finance**  
Alvin Tan Tze Gee



**Vice President of  
Internal Affairs**  
Tam Yong Wei



**Vice President of  
Corporate Relations**  
Lim Zi Earn



**Vice President of  
Operations**  
Ong Khai Liang



**Deputy Vice President of  
Operations**  
Chong Quan Ling



**Vice President of  
Communication**  
Lee Choy Yee



**Deputy Vice President of  
Communication**  
Nuraini Najwa

## Annual Plan 2020

### a. **MASA Skill-Up!**

- i. A series of short 1.5-hour webinars aimed to provide the opportunity for our members to gain industrial knowledge.
- ii. There were 4 successful sessions and 1 cancelled session:
  1. Insurance Prophet-cies (11th April 2020, Cancelled)
  2. Build Your LinkedIn (11th April 2020)
  3. Actuarial Response to COVID-19 (2nd May 2020)
  4. An Insight Into IFRS 17 (16th May 2020)
  5. A Career in General Insurance (19th December 2020)
- iii. Sample marketing materials:



**b. MASA Mentorship Programme (May to December 2020)**

i. A programme to provide mental support to students in need so that they have a better idea on what to expect in the future. This programme was to integrate academic learning with real world experiences in order to prepare the students for a smooth transition into working life. It was designed to help identify career paths, support personal growth and to shape students into confident graduates with excellent leadership, communication, critical thinking, professionalism and other skills important to the transition to the world of work.

ii. Mentors could be seniors or graduates within 5 years of experience. Only a small group of dedicated students would be chosen as mentee. Mentors would then have regular meetings with the mentees and provide advice and guidance or answer the mentees' enquiries. Meetings could be done through physical meetup or online sessions.

iii. Sample marketing materials:

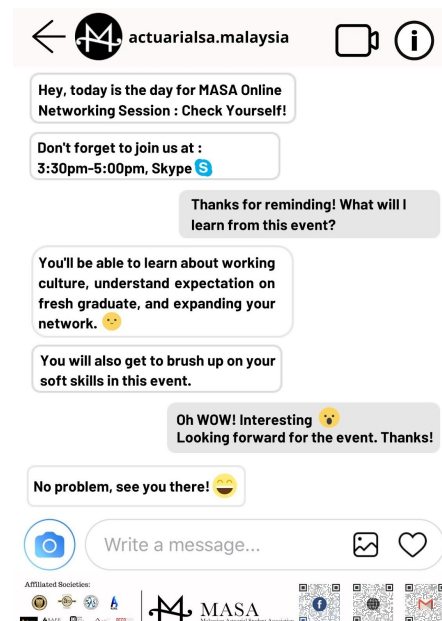




**c. MASA Online Networking Session (9th May 2020)**

i. A networking session with professionals to gain advice and insights to position ourselves as better fresh graduates. This session was to provide students with a platform of opportunities. With this session, the students would be able to expose themselves to working professionals and learn about the work culture of a company. With a deeper and clearer understanding of what is expected from a fresh graduate, students would be able to prepare themselves as a better candidate to contribute to a company in the future.

ii. Sample marketing materials:



**d. MASA Academy**

i. MASA Academy allowed students in Malaysia to learn the necessary programming skills before stepping out from university to the corporate world. As they are programming languages that strikes the appropriate balance between speed and purpose, and also languages widely used to solve real-world problems, the learning enabled students to have advantage in searching for jobs that are related to data analytics as well as the actuarial field.

ii. There were 2 successful series and 1 cancelled series throughout the year:

1. Preview: Data Handling with Excel (13th June 2020)
2. Programming Trilogy: VBA, SQL and SAS (VBA sessions on 5th and 12th September 2020 were cancelled)
3. Dual Programming: SQL and SAS (26th September, 10th October, 24th October and 7th November 2020)

iii. Sample marketing materials:



**e. MASA Research Initiatives**

- i. An intensive research programme which included two optional programming classes, followed by the main research and presentation on two focused topics under supervision by allocated mentors. Participants were required to submit their resume for filtration and successful participants would be teamed up into 3 to 5 people to carry out exclusive research on given topics. A deposit of RM20 was collected from each participant and refunded to them after they completed the programme. All research was published on the MASA LinkedIn page as articles with credits given to involved researchers (mentors and participants). Some researches were selected to be featured on MASA Newsletter and researchers of these featured researches were rewarded a small cash prize.
- ii. This programme allowed actuarial students and/or students with research backgrounds in Malaysia to brush up their programming skills such as Python, R, etc, and apply them to conduct an in-depth research on real life topics and cases. It provided them with exclusive experience on research applications with the guidance of research and analytics professionals from various fields, enabling them to seek out further and gain more exposure before stepping out of university and into the work community.
- iii. 4 successful series were held throughout the year
  1. Python Crash Course (4th July 2020)
  2. R Crash Course (11th July 2020)
  3. Impact of Contagious Disease on Different Scale Research (18th July to 15th August 2020)
  4. Global Recovery in Various Fields Research (22nd August to 19th September 2020)

**iv. Sample marketing materials:**



**f. MASA Actuarialogy**

i. This virtual career fair provided actuarial students fresh insights into different actuarial-related industries and showed that they are not limited to the traditional pathway but also open to other fields such as consulting, risk management, data science and others. A total of 15 webinars including actuarial talks, general talks and multiple forums, aiming to share actuarial insights across different fields and perspectives were held. Besides that, MASA Actuarialogy also provided an opportunity for participants to apply for internships or jobs through this virtual career fair through a platform by submitting their CV and they will be circulated to various companies based on availability. Available vacancies were broadcasted throughout the period.

ii. 15 sessions were successfully held throughout the event:

1. The Mindset of The Digital Actuary (3rd October 2020)
2. What Does General Insurance Actuary Do? (3rd October 2020)
3. Big Data Analytics (3rd October 2020)
4. New Normal of Post COVID-19 World on Actuarial: Challenges and Opportunities of Future Actuary (3rd October 2020)
5. How to Make Your Resume Professional (3rd October 2020)
6. Anti-money Laundering (4th October 2020)
7. Actuary in Investment Banking (4th October 2020)
8. How Do Actuarial and Data Science Converge? (4th October 2020)
9. Adding Artificial Intelligence to the Digital Workplace (4th October 2020)
10. Unleash Your Inner Potential To Be A Leader (10th October 2020)
11. A Career in Actuarial Solutions (10th October 2020)
12. Blockchain Technology (11th October 2020)
13. Pricing Actuary X General Takaful (11th October 2020)
14. CEAD: Career Exploration and Development (11th October 2020)
15. IFRS 17: A Collaborative Effort between Actuaries and Accountants (11th October 2020)

iii. Sample marketing materials:



**g. MASA Hackathon**

- i. A 1-week virtual programming competition splitted into 2 parts: Preliminary round was held from 20th to 23rd November, followed by an evaluation of participants' work by judges and concluded with the final round from 27th to 29th November. The top 5 teams with highest points from the preliminary round entered the final round and only the top 3 teams were ultimately selected as winners and were rewarded cash prizes. This competition was open for all undergraduate students regardless of their background.
- ii. MASA Hackathon allowed Malaysia actuarial students to showcase their programming skills by applying them to real-life data, getting the opportunity to further explore their potential and getting closer to the expectations of the future industrial world.
- iii. Sample marketing materials:





**h. Event Ratings**

<b>Date</b>	<b>Event</b>	<b>Rating</b>
11/4	MASA Skill-Up! 1.0: Build Your LinkedIn	4.40
1/5 - 31/12	MASA Mentorship Programme: The Actuarial Pathway	3.82
2/5	MASA Skill-Up! 2.0: Actuarial Response to COVID-19	4.61
9/5	MASA Online Networking Session: Check Yourself!	4.65
16/5	MASA Skill-Up! 3.0: An Insight Into IFRS 17	4.33
13/6	MASA Academy Preview: Data Handling with Excel	4.28
4/7	MASA Research Initiatives: Python Crash Course	4.22
11/7	MASA Research Initiatives: R Crash Course	4.43
18/7 - 15/8	MASA Research Initiatives: Impact of Contagious Disease on Difference Scale	4.45
22/8 - 19/9	MASA Research Initiatives: Global Recovery in Various Fields	4.50
26/9	MASA Academy Dual Programming: SQL Introductory Lecture	4.48
3/10 - 11/10	MASA Actuarialogy: Where Next?	4.69
17/10	MASA Academy Dual Programming: SQL Practical Class	4.51
24/10	MASA Academy Dual Programming: SAS Introductory Lecture	4.27
7/11	MASA Academy Dual Programming: SAS Practical Class	4.47
20/11 - 29/11	MASA Hackathon	4.26
19/12	MASA Skill-Up! 4.0: A Career in General Insurance	4.33

## **A year in review:**

### **Internal Affairs**

#### **Membership**

Any Malaysian student who is currently pursuing a degree or a diploma of Actuarial Science in Malaysia, or graduates of Actuarial Science in Malaysia with less than 2 years of working experience can apply to become a member of MASA. The membership is also eligible for students from courses other than Actuarial Science who are planning to take at least one external paper from professional actuarial bodies (Society of Actuaries (SOA), Institute and Faculty of Actuaries (IFoA), Casualty Actuarial Society (CAS) and etc) in the coming year.

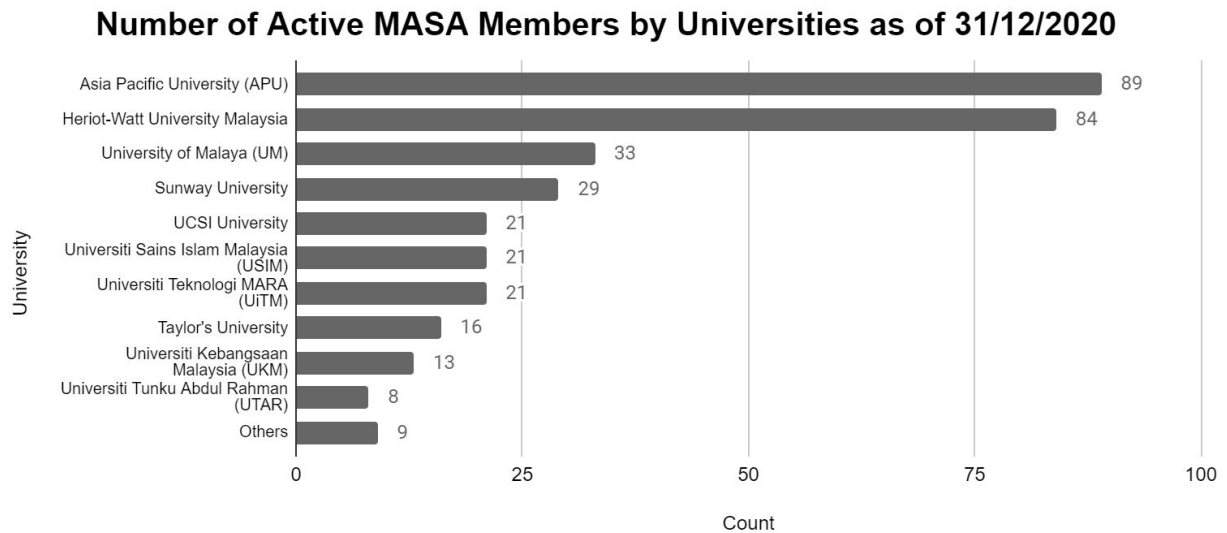
An annual membership fees is charged, whereby a discounted rate of RM15.00 is given if the applicant is a member of our affiliated societies as follow:

- a. Heriot-Watt University Malaysia Society of Actuarial Science (HWUMSAS)
- b. Sunway Actuarial & Financial Excellence (SAFE)
- c. UTAR Actuarial Science Society
- d. Actuarial Science Student Association (ASSA)
- e. Actuarial and Financial Mathematics Society (UMACT)
- f. USIM Actuarial Society
- g. Actuarial Science Club UiTM Shah Alam
- h. Actuarial Science Club, The National University of Malaysia
- i. APU Actuarial Science Club
- j. Taylor's University Actuarial Studies Club (TUASC)

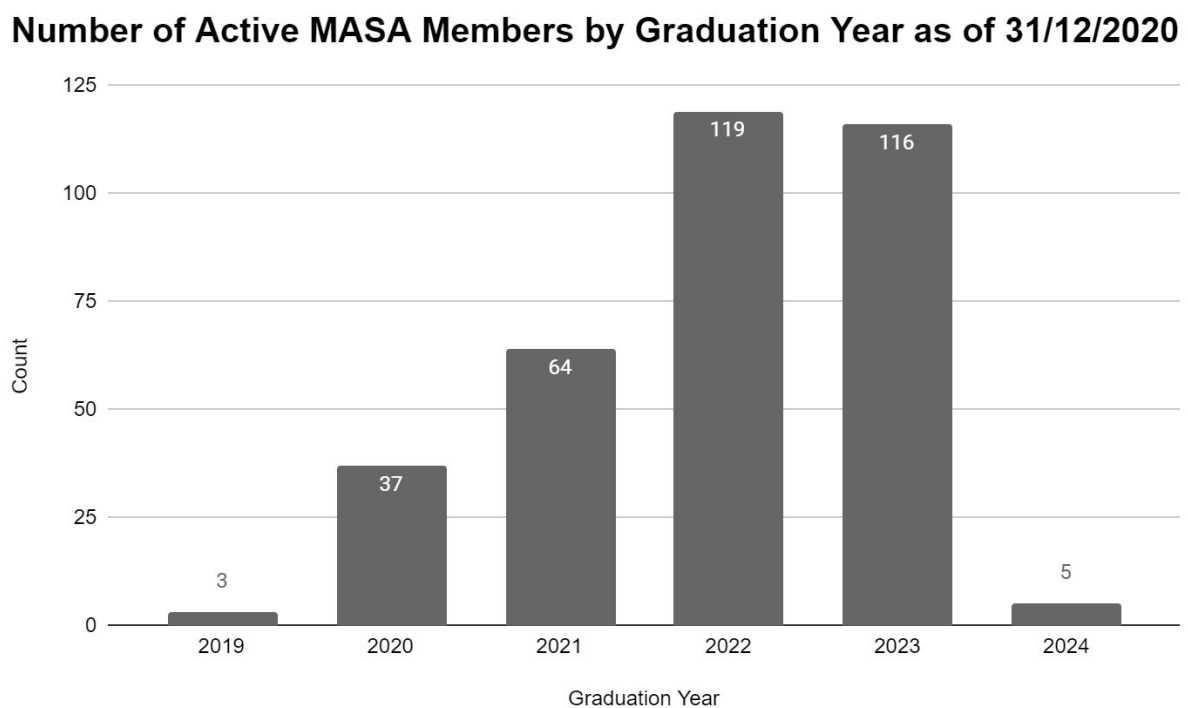
A normal rate of RM20.00 is given if the applicant is not a member of our affiliated societies. A special discounted rate of RM5.00 is given if the applicant signs up or renew membership of our affiliated societies and interested to apply for MASA membership during any of the affiliated societies' annual recruitment period (subject to the societies).

The membership system was established by MASA the year after it was established in October 2018, in gaining their exclusivity to events and free access of DataCamp classroom. Besides that, we aim to further strengthen the actuarial knowledge and awareness of our members by emailing newsletters, important updates on events and access to MASA Platform which is a Facebook group to share actuarial-related articles and to gather members to have discussions among themselves.

As of 31st December 2020, we have 344 members signed up for MASA Membership, which gives an increase of about 52% as compared with 226 members signed up for MASA in 2019. Our target for the next academic year would be to achieve 400 members. Below here are the graphs for the active MASA members by universities and graduation years as of 31st December 2020.



*Figure 1: Number of active MASA members by universities as of 31 December 2020.*



*Figure 2: Number of active MASA members by graduation year as of 31 December 2020.*



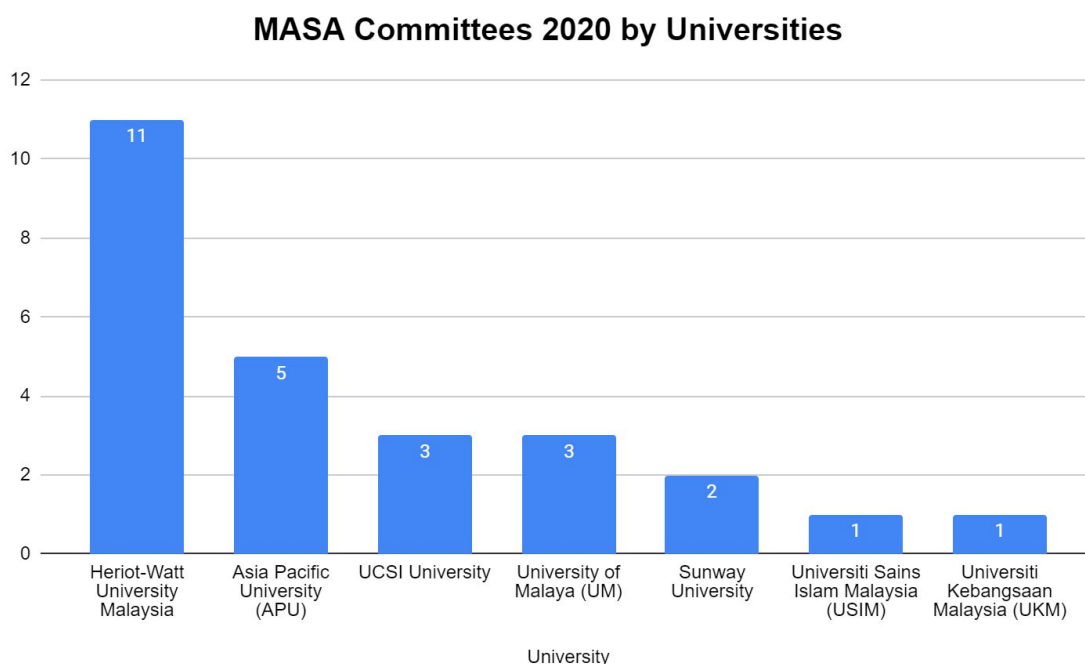
### Junior Membership

In June 2020, Junior Membership was introduced to promote awareness and encourage students from high schools and pre-university programmes to know more about the actuarial industry in Malaysia. The membership is open to all Malaysian high-school & pre-university students aged below 18. No membership fee is charged upon applying for Junior Membership.

As of 31st December 2020, we have 4 members signed up for Junior Membership, where 2 are currently taking Foundation courses, 1 is currently taking A-Levels and the other one is currently in secondary school (Form 4). Our target for the next academic year would be to achieve 50 Junior members.

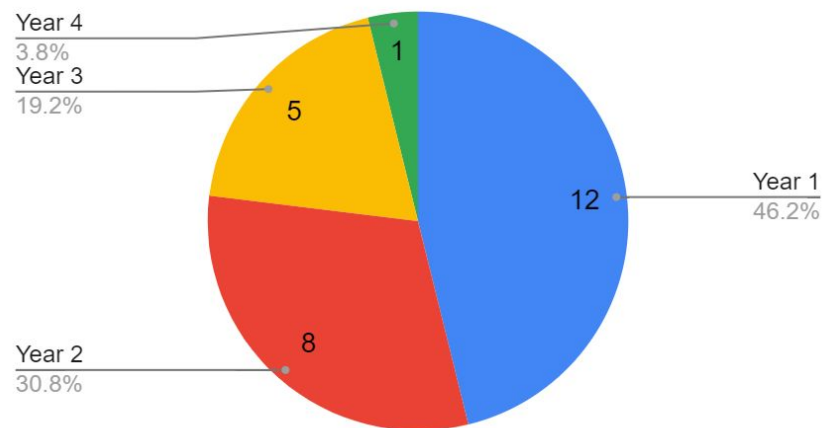
### MASA Organisation Structure

MASA has 8 Executive Council (EXCO) members, 12 Executives and 6 Event Committees in 2020. The demographics of MASA Organisation in terms of Universities and Year of Study are as follows:



*Figure 3: Number of MASA committee members of 2020 by universities.*

### MASA Committees 2020 by Year of Study



*Figure 4: Number of MASA committee members of 2020 by year of study.*

### Recruitment

3 recruitments were held in 2020 and a total of 41 applicants applied to it, with breakdown as follow:

- Executive Recruitment - 16 applicants
- Event Committee Recruitment - 9 applicants
- EXCO Recruitment 2021 - 16 applicants

Overall, there is approximately 65% successful applicants on average.

## Communication

### a) Social Media (Facebook)

#### **Action:**

- Announce MASA events and provide relevant information such as details of the event, registration link and background of the speakers as an approach to promote learning opportunities provided by MASA.
- Provide important information related to MASA such as the new MASA board, opportunities to contribute as part of the MASA team and official affiliation with the new student society.
- Promote other opportunities for actuarial students such as MAS Scholarship.

#### **Engagement:**

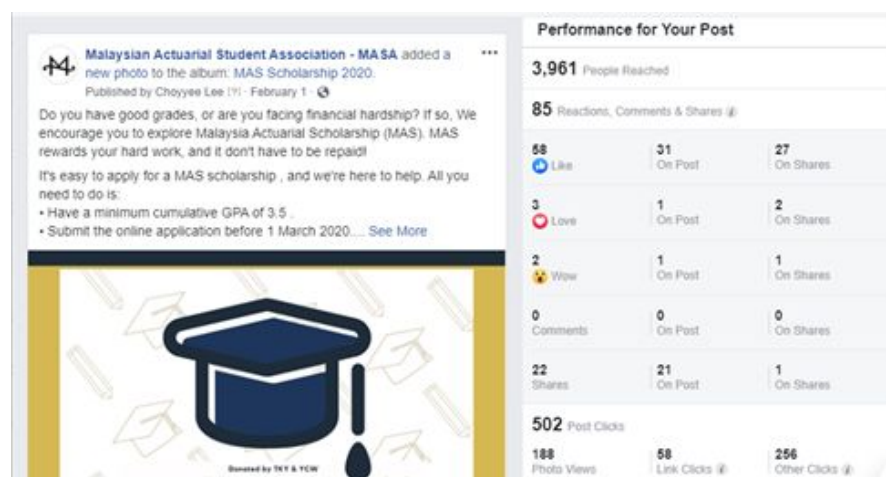
##### • **Followers and Likes:**

The number of followers has increased by 47% from 744 followers as per 1<sup>st</sup> of January 2020 to 1096 followers as per 1<sup>st</sup> of December 2020. Meanwhile, the number of page likes increased from 720 likes in 1<sup>st</sup> of January 2020 to 1046 likes in 1<sup>st</sup> of December 2020, increment by 45%.

##### • **Top Post:**

#### **Highest Engagement: Announcement of MAS Scholarship.**

Announcement of MAS Scholarship acquired nearly 4,000 engagements as the post reached 3,961 peoples and obtained 85 responses which include reactions, comments and shares. The post has been shared by 22 persons which make it the most shared post.



*Figure 5: Summary of Highest Post Engagement.*

### Second Highest Engagement: Announcement of MASA Team Recruitment 2020.

The second highest engagement reaches 2,491 people with 61 post reactions, therefore, contributing to almost 2,500 engagements.



Figure 6: Summary of Second Highest Post Engagement.

### Third Highest Engagement: Announcement of MASA EXCO Recruitment 2021.

The announcement of MASA EXCO Recruitment 2021 became the third highest engagement with almost 2,200 engagements. The post reached 2,164 people and 67 responses.



Figure 7: Summary of Third Highest Post Engagement.

**Other Post Engagement:**

Posts related to announcement of MASA event and announcement of the events' speakers tend to have more than 1,000 engagements. Other posts such as countdown post and D-day post remain low in engagement with less than 1,000 engagements.

**b) Social Media (Instagram)**

**Action:**

- Create and establish an official Instagram account for MASA.
- Provide source of information to the public such as announcement of MASA event, announcement of MASA committee and announcement of MASA SRC through Instagram post and Instagram story.
- Organize social media competition to increase the Instagram engagement.

**Engagement:**

• **Followers:**

MASA Instagram account has reached 478 followers within a year. The number of MASA followers is considered high as compared to other affiliated societies' accounts considering that MASA account is newly established. The factor that contributes to high number of followers is MASA unites all actuarial students across Malaysia while affiliated societies cater their respective university only. However, the number of Instagram followers for UiTM Shah Alam and USIM are more than MASA as their account has been well-established for 5 years.

<b>Instagram Account</b>	<b>Number of Followers</b>	<b>Date of Establishment (based on first post)</b>
UiTM SA	966	March 2015
USIM	902	October 2015
MASA	478	February 2020
SAFE	429	August 2018
HWUM	306	September 2016
UKM	222	September 2019
UTAR	142	July 2019

*Table 1: Instagram Account Comparison.*

- **Top Post:**

Instagram followers tend to interact with the posts that provide opportunities such as internship advertisement, job advertisement and recruitment of MASA Team. Meanwhile, posts related to people such as EXCO announcement, MASA Committee announcement and SRC announcement tend to impress and reach more people as Instagram features allow the MASA account to tag the individual's personal account.

**Top Post Interaction:**



**Top Impression:**



**Top Likes:**



**Top Reach:**



*Figure 8: Summary of Instagram Top Post.*

**c) Social Media (MASA Platform)****Action:**

- MASA Platform aims to provide added values to MASA Members by providing industry-related knowledge. In MASA Platform, MASA communication team will update and discuss various industrial topics such as risk management, actuarial, pension and etc.

**Engagement:**

- **Number of members in the group:**

As for 1<sup>st</sup> of December 2020, MASA Platform has 164 members. The numbers are relatively lower as compared to the number of followers on MASA Facebook Page.

- **Post interaction:**

Most of the posts published in the MASA Platform have been seen by around 70 people, which is about 43% of the group members. However, the interaction in the group, such as reactions and comments, is still low. Most of the posts have below 10 interactions and no comments.



#### **d) Social Media Competition**

Social media competition has been organized through MASA Instagram account from 15<sup>th</sup> of July to 1<sup>st</sup> of August 2020. The competition aims to improve public engagement on MASA Instagram account. However, the engagement rate of the competition is low except for ‘Just for Fun: Break the Code’ and ‘Who Get the Most XP’. The factors that possibly contribute to low engagement rate are certain competition does not provide any prize and people are more interested in competition that require instant reaction compared to competition that involve some time frame.

<b>No.</b>	<b>Competition</b>	<b>Details</b>	<b>Participation Rate</b>
1.	<b>Just for Fun: Break the Code</b> Empty boxes and a set of probability have been presented to the participants. Based on the probability, the participants need to guess the correct number to be filled in the empty boxes.	<b>Date:</b> 15 <sup>th</sup> of July 2020 <b>Prize:</b> RM 20 <b>Winner:</b> @matthew_farant	13 Participants (Medium)
2.	<b>Let Us Compete: Who is Who in MASA?</b> Based on the pictures provided, the participants are required to guess the person’s name or their position in MASA or both (name and position).	<b>Date:</b> 17 <sup>th</sup> of July 2020 – 20 <sup>th</sup> of July 2020 <b>Prize:</b> RM30 <b>Winner:</b> @ari_the_awesome	2 Participants (Low)
3.	<b>Just for Fun: Bingo!</b> A bingo set consists of lists of activities. The participants will strike down the activities that they have done only.	<b>Date:</b> 21 <sup>st</sup> of July 2020 <b>Prize:</b> NA <b>Winner:</b> NA	2 Participants (Low)
4.	<b>Let Us Compete: Logo Match!</b> The logo of the affiliated society has been edited. The participants need to guess on which logo belongs to which affiliated society.	<b>Date:</b> 26 <sup>th</sup> of July 2020 <b>Prize:</b> NA <b>Winner:</b> NA	No Participation (Low)
5.	<b>Who Get the Most XP?</b> Competition through Data Camp whereby the participants need to	<b>Date:</b> 29 <sup>th</sup> of July 2020 – 1 <sup>st</sup> of August 2020	15 Participants (Medium)

	<p>achieve as much XP as possible by completing tasks and answering questions in any course in Data Camp.</p>	<p><b>Prize:</b></p> <p>First - RM50</p> <p>Second - RM40</p> <p>Third - RM30</p> <p><b>Winner:</b></p> <p>First Place - Eason Cheah</p> <p>Second Place - Sher Han Low</p> <p>Third Place - Soon Yee Liew</p>	
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*Table 2: Summary of Social Media Competition.*

## e) Official Website

### • Website Domain

Purchase of domain for MASA official website and emails as one of the incentives to establish a strong branding for MASA. Domain will assist in better search engine positioning. MASA Website can now be reached through the following link: [www.masassociation.org](http://www.masassociation.org)

### • Features of MASA Newsletter

MASA Newsletter (ActuaRead) has been designed by the Corporate Relations team to empower students with information and knowledge related to the actuarial community. All four volumes of MASA Newsletter have been published to the public on the MASA website. Anyone can contribute to the MASA Newsletter by submitting the contribution form given on the website.



*Figure 9: MASA Newsletter Features.*

- **Features of Research**

To appreciate the efforts and hard work of the contributors, all of the research conducted through MASA Research Initiatives, has been published in the MASA official Website. There are eight researches published in total with the following topics:

No.	Topic	Author	Supervisor
1.	Global Recovery in Various Fields Field: Economic Recovery and Medical Recovery	1. Lim Jia Zheng 2. Ong Khai Liang 3. Lim Zi Earn	Tan Kok-How
2.	Global Recovery in Various Fields Field: Exploration on How COVID-19 affects Carbon Emission in Asia	1. Carmen Khew Ling Lung 2. Low Sher Han 3. Tan Hooi Yi	Darren Chong and Ahmad Syahmi Adnan
3.	Global Recovery in Various Fields Field: The Future of Cinema After the Covid-19 Outbreak	1. Matthew Farant 2. Bernand L 3. Cheah Eason	Chi Keong Lo
4.	Global Recovery in Various Fields Field: The Recovery Rate of Financial Sector	1. Yap Zhi Ling 2. Gillian Goh Qiu Jin 3. Teo Jun Hong	Nicholas Chong
5.	Impact of Contagious Disease on Different Scale Field: General Human Behaviour	1. Lim Jia Zheng 2. Ong Khai Liang 3. Lim Zi Earn	Tan Kok-How
6.	Impact of Contagious Disease on Different Scale Field: How does Covid-19 affect Asian People's Lifestyle	1. Carmen Khew Ling Lung 2. Low Sher Han 3. Tan Hooi Yi	Darren Chong and Ahmad Syahmi Adnan
7.	Impact of Contagious Disease on Different Scale Field: News-Based Tweets' Sentiments on the CBOE VIX	1. Matthew Farant 2. Bernand L 3. Cheah Eason	Chi Keong Lo
8.	Impact of Covid-19 Pandemic on Banking Industry Field: Banking Industry	1. Yap Zhi Ling 2. Gillian Goh Qiu Jin 3. Teo Jun Hong	Richard Lau Yee Hang

*Table 3: List of Published Research.*

- **Features of Online Learning**

Online learning library can only be accessed by MASA members as one of the initiatives to increase the membership values. The platform consists of full video recording of the online events organized by MASA. As of 1<sup>st</sup> of December 2020, there are 18 videos published in the page with the following topics and speakers:

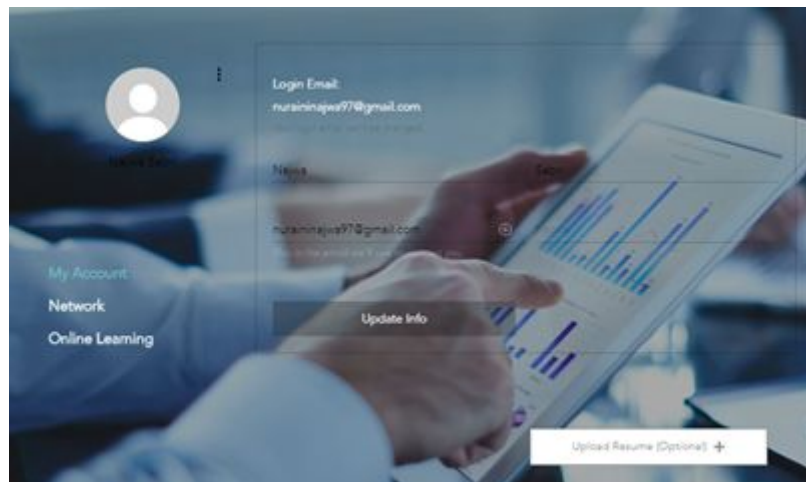
No.	Topics	Speakers
1.	MASA Research Initiatives: R Crash Course	Richard Lau Yee Heng
2.	MASA Research Initiatives: Python Crash Course	Richard Lau Yee Heng
3.	MASA Academy Preview: Data Handling With MS Office Excel	Gordan Ho Kang Zheng Too Wai Hao
4.	MASA Skill-Up! 1.0: Build Your LinkedIn	Gholamali (Alish) Sh.
5.	MASA Skill-Up! 2.0: Actuarial Response to COVID-19	Charchit Agrawal
6.	MASA Skill-Up! 3.0: An Insight into IFRS 17	Saiful Adli Aziz
7.	MASA Actuarialogy: Where Next? General Talk: Unleash Your Inner Potential to be A Leader	Mei Phing Lim
8.	MASA Actuarialogy: Where Next? Forum: How Do Actuarial and Data Science Converge?	Alvin Tam Louis Lee
9.	MASA Actuarialogy: Where Next? Forum: New Normal of Post Covid-19 World on Actuarial: Challenges and Opportunities of Future Actuary	Logenthiran Kanisan Andy Yang
10.	MASA Actuarialogy: Where Next? Actuarial Talk: Pricing Actuary x General Takaful	Nur Amin Nurazmi
11.	MASA Actuarialogy: Where Next? Actuarial Talk: Blockchain Technology	Tan Ji Sheng
12.	MASA Actuarialogy: Where Next? Actuarial Talk: A Career in Actuarial Solutions	Nicholas Yeo
13.	MASA Actuarialogy: Where Next?	Jeffrey Chan

	Actuarial Talk: Adding Artificial Intelligence to the Digital Workplace	
14.	MASA Actuarialogy: Where Next? Actuarial Talk: Actuary in Investment Banking	Muhammad Shafiq bin Mohd Zuki
15.	MASA Actuarialogy: Where Next? Actuarial Talk: Big Data Analytics	Patrick Klotz
16.	MASA Actuarialogy: Where Next? Featured Talk: The Mindset of the Digital Actuary	Tan Suee Chieh
17.	MASA Academy: Dual Programming SAS Part 1	Assoc. Prof. Dr. Lee Yun Li
18.	MASA Academy: Dual Programming SAS Part 2	Assoc. Prof. Dr. Lee Yun Li

*Table 4: List of Topics and Speakers.*

- **MASA Resume Pool**

By creating a website profile, MASA members can upload their resume to the MASA Resume Pool. The resume will be used if there is any request from any company to find candidates for vacancies such as full-time job opportunities or internship placement. MASA members will also be notified through email.



*Figure 10: Upload Resume Function.*

**f) Official Email for Communication Team**

Communication Team can now be reached through the official communication email which is:  
[communication@masassociation.org](mailto:communication@masassociation.org)

**g) Shared Canva Account**

Shared Canva Account has been set up for the purpose of designing any graphics related to MASA. As Canva Account is an online platform, all the designs can be easily accessed and edited by all of the communication team members and therefore provide ease to conduct any tasks that require teamwork.

## Finance

### Financial Summary 2020

<b>MASA Financial Summary 2020</b>			
prepared by Alvin Tan			
<b>Item</b>			<b>Amount (RM)</b>
<b>Revenue</b>	<b>Quantity</b>		
Affiliated Membership (Club Day)	150	5	750
Affiliated Membership (RM 15)	124	15	1860
Normal Membership (RM 20)	60	20	1200
MAPS Scholarship Fund			3000
Unclaimed Payment			55
<b>Event</b>			
MASA Skill-up! 2.0			40
MASA Skill-up! 3.0			50
MASA Skill-up! 4.0			20
MASA Academy			925
MASA Research Initiatives			180
<b>Total</b>			<b>8080</b>
<b>Expenses</b>			
Headspace (Meeting Venue)		250	
Wix Subscription		234.84	
MASA Website Domain		53.42	
Name Card Printing		90.4	
Canva Subscription		21.9	
Certificate Printing		31.5	
SRC Meeting Booklet		24	
Departmental File		7.5	
MASA Actuarialogy Expenses		36.45	
Membership Refund		345	
MASA Academy Refund		925	
MASA Research Initiatives Refund		180	
MASA Research Initiatives Cash Prize		60	
Social Media Cash Prize		170	
Hackathon Winner prize		400	
Bank Transaction fee		1.8	
<b>Total</b>			<b>2831.81</b>
<b>Net Income</b>			<b>5248.19</b>



In the year 2020, we received a total revenue of RM 8,080 which includes membership fee, event related income and scholarship fund. The scholarship fund will be used in the execution of MAPS scholarship in 2021. Comparatively, we generated less income from events in the year 2020, and are mainly supported by membership fee.

Besides, the total expense is RM 2,831.81, including event and administration expenses. Other than social media engagement and innovation, we have also purchased a website domain and subscribed to a paid plan on Wix with a total cost of RM 288.26 to set up a stronger foundation for online existence. There is no expense on venues due to events being carried out virtually. Meanwhile, all events are free of charge for MASA members this year. Note that the revenue amount contributed by MASA Academy and MASA Research Initiatives is offset in expenses due to refunds.

In conclusion, there is a total income of RM 5,248.19 generated in 2020.

## **Corporate Relations**

### **1) Short Term Projects**

#### **i) Malaysia Actuarial Scholarship (MAS)**

In the first quarter of the year, we had successfully launched the Malaysia Actuarial Scholarship (MAS) for unprivileged actuarial students in Malaysia. The scholarship was a one-off payment of RM3000 donated by Yang Chong Wey (Andy) and Teoh Kwui Ying. Final decision of the MAS Scholarship holder was announced in the mid of March.

#### **ii) Venue Collaboration with Headspace Malaysia**

In February, we established a venue collaboration with Headspace Malaysia to conduct the first meeting with SRC which involved 40 attendees in Kota Damansara. Due to the COVID-19 pandemic, all meetings thereafter ran virtually and no further venue collaboration this year.

#### **iii) Pre-U Approach**

In September, we hosted a free webinar MASA Back to College 1.0: Intro to Actuarial Science for pre-university students to provide and promote a better understanding about actuarial science. From the perspectives of actuarial students and graduates, we introduced universities that offered Actuarial Science in Malaysia and future career opportunities. The webinar was held on a relatively small scale to allow better communication and understanding on Actuarial Science with the participation of around 25 young actuarial enthusiasts from 8 colleges nationwide.

## **2) Long Term Internal Projects**

### **i) MASA Official LinkedIn Account**

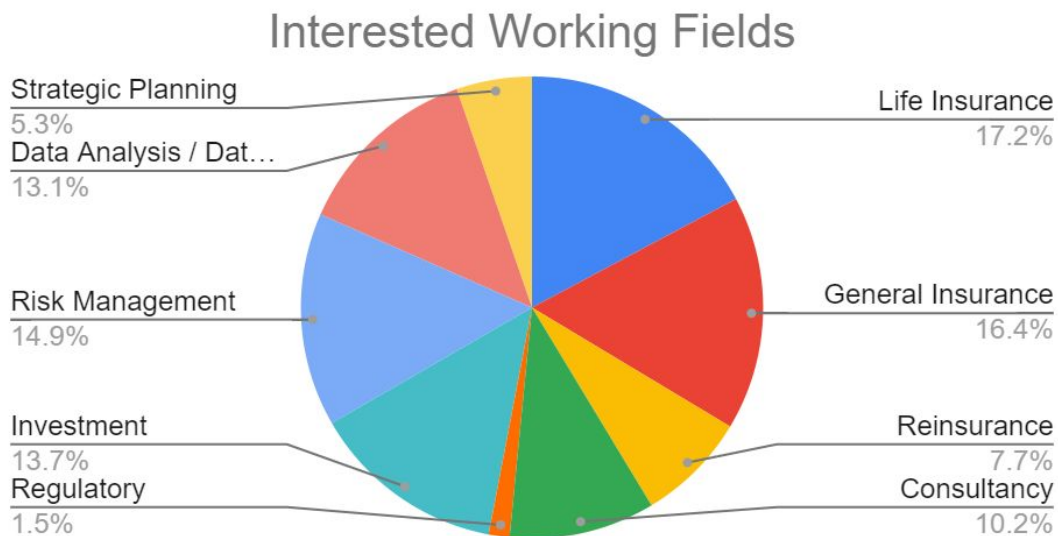
Throughout the year, we continue updating our events and other major announcements on our LinkedIn account. As compared to 129 followers on 31 Dec 2019, we have a total of 543 LinkedIn users following our page on 26 Dec 2020. The update engagement rate for each post varied, ranging from 0.04 to 0.55 with an average rate of 0.13. The number of interactions, clicks, and new followers acquired is 0.13 on average per impression the post received.

### **ii) MASA Quarterly Newsletter: ActuaRead**

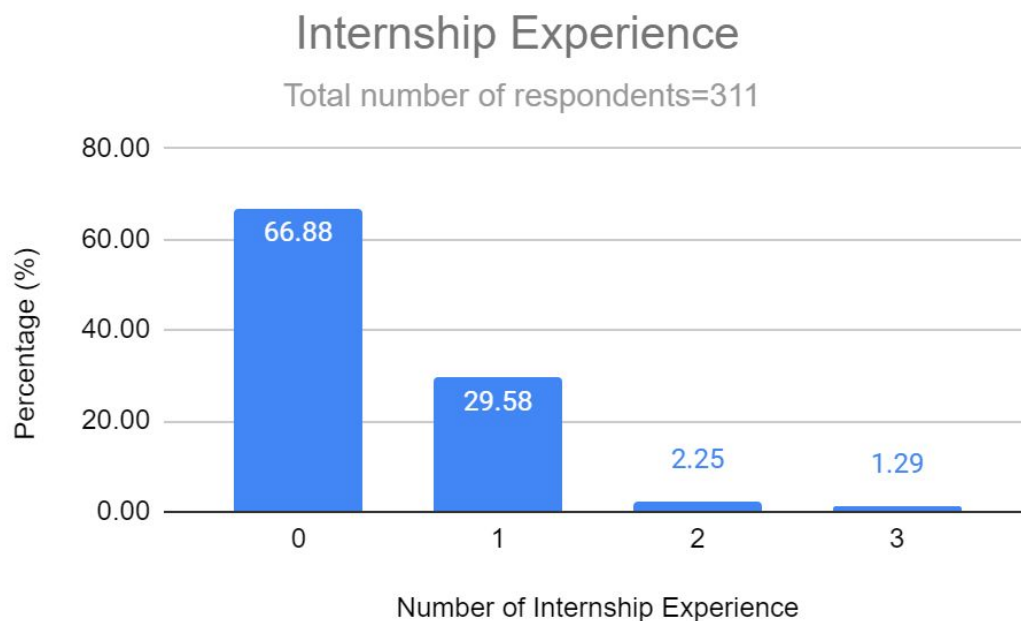
Besides, we initiated the publication of MASA Quarterly Newsletter: ActuaRead which aims to raise awareness on the importance of being actively involved, by empowering the students with information, putting them at the forefront of knowledge on the happenings in the actuarial community. There are multiple sections inside the newsletter, which include the past and upcoming events, academic articles, feedback etc. We also invited several professionals from the industries to share their industrial insights, thoughts and advice in the newsletter. CVs and resumes received from MASA newsletter readers and event participants are collected on a continuous basis to help connect with the actively recruiting companies.

### iii) Job Market Demand Survey

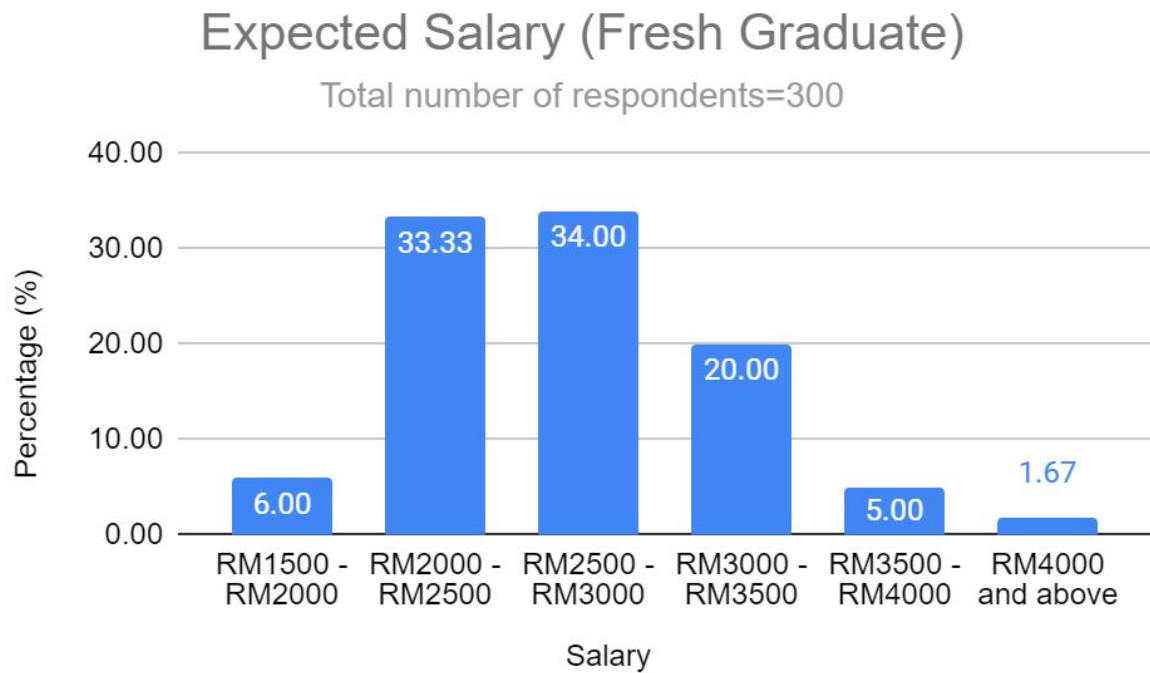
This year, we have collected 340 survey responses from event participants to understand and analyse the current job market demand in Malaysia. Important survey findings are summarised as in the figures below.



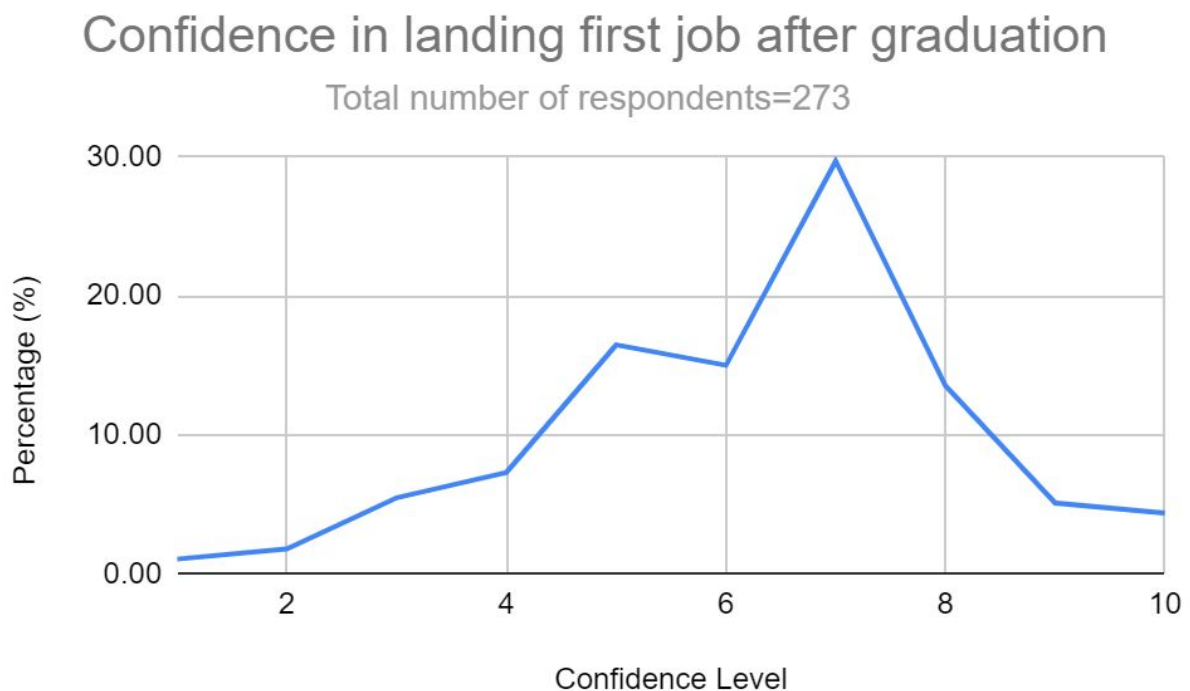
*Figure 11: Summary of Responses by Interested Working Fields.*



*Figure 12: Summary of Responses by Number of Internship Experience.*



*Figure 13: Summary of Responses by Expected Salary (Fresh Graduate).*



*Figure 14: Confidence in landing first job after graduation.*

### **3) Long Term External Projects**

Up to date, we have actively maintained efficient communications with external parties and open to more collaborations. Some of the projects are in the pre-confirmation stage and expected to be launched in the first quarter of 2021. Current external projects for a long-term basis could be summarised as follows:

#### **i) DataCamp**

The partnership with DataCamp on a classroom package for a duration of 6 months was first secured in August 2019. In March and September this year, we manually renewed the classroom package twice to provide continuous premium access for MASA members. Currently, the partnership will last for one year till September 2021. The classroom package is expected to be expired in March 2021 and will be automatically renewed for another 6 months to September 2021. The DataCamp premium access is only limited to existing MASA members. As of 26 Dec 2020, 81 MASA members have enrolled themselves into “MASA Online Academy 20/21” DataCamp classroom.

#### **ii) Association of Malaysian Economics Undergraduates (AMEU)**

In June 2020, we signed a Memorandum of Understanding (MoU) and entered into an affiliateship, referring to each other as “affiliated societies” to better support each other through event participation and event promotion. The MoU will be renewed every January of each year upon mutual agreement by both parties. We mainly support each other’s events through sharing of posts and stories in social media. Since all events thereafter were carried out for free of charge, no event discounts can be applied for the AMEU members.

#### **(iii) Nicholas Actuarial Solutions**

In August 2020, we are honored to collaborate with Nicholas Actuarial Solutions to increase the employability of actuarial students/ graduates in Malaysia. This initiative is intended to provide internship positions exclusively to MASA members. MASA members will be notified of any internships or job vacancies available in Nicholas Actuarial Solutions via MASA’s internally accessed portals such as subscribed email and membership website from time to time.

#### **iv) gradmalaysia**

Starting from September 2020, gradmalaysia becomes the “Official Graduate Careers Partners” of MASA for the duration of 1 year to provide career advice and increase the employability among actuarial students/ graduates in Malaysia. In MASA Actuarialogy: Virtual Career Fair, gradmalaysia assisted MASA in actively promoting the event details in their social media. Under this partnership, we hope to extend and grow our network to recruiters and other professionals from various industries for organising events, talks and networking session purposes.

**Facebook**

Malaysian Actuarial Student Association - MASA

<https://www.facebook.com/MASAssociation>

**Instagram**

@actuarialsa.malaysia

<https://www.instagram.com/actuarialsa.malaysia/>

**LinkedIn**

Malaysian Actuarial Student Association (MASA)

<https://www.linkedin.com/company/malaysian-actuarial-sa-masa/>

**Website**

<http://www.masassociation.org/>

[general@masassociation.org](mailto:general@masassociation.org)

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Malaysian Actuarial Student Association