



# Mohamad Hasif Azim Ibrahim

Junior Software Engineer

## Profile

Actuarial Science graduate that has a passion to utilize analytical skills with great potential. Love to code and have an interest in Machine Learning, Artificial Intelligence, Big Data analytics, and IR 4.0.

## Education

**Bachelor of Science: Actuarial Science , Universiti Kebangsaan Malaysia**

AUGUST 2017 – AUGUST 2021

CGPA: 3.34

## Work Experience

**Junior Software Developer, ITM System, Bandar Bukit Raja**

OCTOBER 2021 – CURRENT

- Created user-friendly web application components using .Net framework, Angular, and C#
- Fixed bugs ranging from simple styling fixes to complicated logic problems.
- Modifying the front-end code as well as the back-end code to simple functional methods in order.
- Developing the components and providers for Rest API calls, to fetch, and store data.
- Participated in the full development cycle, end-to-end, from design, implementation, & testing to documentation, delivery & maintenance.
- Used Razor Pages, MVC, jQuery, SQL, and Angular templates for the development.
- Using Angular as a Javascript framework, implement features to the main web client.
- Developing code for retrieving data using ASP.Net and presenting it to the presentation layer.

**Data Analyst Intern, G3 Global Berhad, Kota Kemuning, Shah Alam**

MARCH 2021 – JULY 2021

- Applied statistics modeling through machine learning algorithms (Random Forest) to predict the election results with 73% accuracy.
- Used the BeautifulSoup Python Library to extract desired data from a given URL in an automated way.
- Analyzed markets and stocks and tracked stock fluctuations.
- Traded stocks on electronic networks daily.
- Read multiple news each day to determine stock fluctuations.
- Projecting 50% of the population vaccinated in Malaysia.
- Conduct data analysis using SQL queries.

**Part Time Kitchen Staff, Ramen Seirock-Ya, Petaling Jaya, Selangor**

MARCH 2019 – FEBRUARY 2021

- Helping kitchen staff prepare and serve food.
- Prepared Japanese food for the customer.
- Assisted manager in store closing and preparation for the next opening day.

## Details

No.3 Jalan U19/9, Taman Sri Buloh  
Sungai Buloh, 47000  
Malaysia  
0193498859  
hasifazim98@gmail.com

## Social Media

- <https://acipppppp.github.io/>
- [linkedin.com/in/hasif-azim-6179b9200](https://www.linkedin.com/in/hasif-azim-6179b9200)

## Skills

- R programming: Intermediate proficiency in data analysis and data visualization.
- Python: Intermediate proficiency to conduct data analysis, web scraping, machine learning frameworks such as Tensorflow and Scikit-Learn, and data visualization.
- SQL: Intermediate
- Proficient in Microsoft Office: Word, Excel, and PowerPoint
- C++ and VBA : Basic Knowledge
- Back End: C#, .NET, Entity Framework, Linq
- Front End: Html, CSS, Javascript, TypeScript, Angular, Bootstrap

## Academic Project

### **Final Year Project (2020-2021)**

- Forecasting Mortality Using Deep Neural Network (DNN) Approach.
- Compare the performance between Lee-Carter Model and DNN.

### **Constructing a Profit Model in determining Gross Premium Reserves (2021)**

- Create a new joint life insurance product by developing a new decrement table from a given life contingency table.
- Determine gross premium reserve based on the pricing model using VBA.

### **Building Investment Portfolio (2020)**

- Building an investment portfolio that enhances shareholder's wealth.
- Analyzed the relationship between individual shares and market performance.

### **Time Series Modelling**

- Modeling and forecasting stock prices using the ARIMA model.

## Extra-curricular activities

### **Exco of Logistic of Program MEDIAXTalk, UKM**

2020

### **Participated in Kejohanan Bola Sepak Piala Tan Sri Azlan Ghazali, UKM**

2020

### **Exco of Logistic of Santai Ilmu Citra Harmoni in conjunction with Karnival Citra komuniti UKM**

2019

### **Participated in Karnival Sukan Antara Mahasiswa (KARISMA), UKM**

2018 – 2020

### **Participated in Explorisk & Risk Management and Insurance seminar**

2018

## References

**Mr. Noorazmi Bin Abd Aziz, Head of Data Science from G3 Global Berhad**  
azmi@aga.my | +60 12-410 0757

**Dr. Munira Ismail, Senior Lecturer from Universiti Kebangsaan Malaysia**  
munira@ukm.edu.my | 012-200-4177

## Languages

### English

- Intermediate Proficiency

### Malay

- Native Speaker