HUI YEE **LIM**

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5/35 Creswick St, Hawthorn

Highly motivated graduate of The Australian National University, with professional experience developing and implementing mathematical and statistical models to analyse and interpret data. Possesses an aptitude for problem solving and the ability to quickly understand, implement, and communicate new concepts, ideas and skills.

**EDUCATION**

The Australian National University July 2015 – July 2018

Bachelor of Science – GPA: 5.917

Major- Mathematical Modelling and Statistics

* Developed and demonstrated an in-depth understanding of mathematical methods for statistical, numerical, and graphical analysis of data.
* Demonstrated the ability to communicate and report statistical analysis.
* Malaysia Government Scholarship recipient

**EMPLOYMENT HISTORY**

**CIMB Bank, Regional Risk Validation Intern**

Malaysia – Kuala Lumpur Summer 2016-2017

* Developed working knowledge of programming language SAS.
* Formulated methods of backtesting, identifying and eliminating flaws in risk models.
* Validated and enhancement of models for the analysis of customer data.
* Reviewed the effectiveness of rating system processes verifying the applicability of quantitative methods in operation.
* Demonstrated an ability to work as a cohesive member of a professional team.
* Demonstrated analytical and statistical modelling skills.

**Grease Monkey, Chef**

Canberra Jan 2018-August 2018

* Demonstrated a strong work ethic and an ability to operate efficiently in a fast-paced, high-pressure environment.
* Developed an effective working relationship with co-workers.
* Demonstrated time management and organisational skills.

**TECHNICAL SKILLS**

* Mathematical Programming: Experienced in MATLAB
  + Developed a program determining the optimal number of call centre employees based on average call waiting times.
  + Developed a program to optimise aerofoil shape to achieve maximum efficiency.

* Computer Programming: Experience in Python, SAS and R Studio
  + Developed a program to estimate the optimum number of ATM machines required for a bank to cater to the need of their customers.
  + Developed Probability of Default (PD) models to validate the stability and performance of models with statistical measures and tests.
* Web Design and Development: Experience in HTML and CSS
* Graphical Data Analysis
  + Completed a project analysing the social grooming patterns of North American river otters
* Bioinformatics and Biological Modelling
* Developed mathematical models in epidemiology to study the spread of infectious diseases through populations.
* Developed a computational program to recognise similarities in protein sequences when comparing new and existing DNA structures.

* Written and Verbal fluency in English, Mandarin, Cantonese and Malay.