# Jiayi (Kaylee) CHEN, MSc

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## PERSONAL STATEMENT

My journey is a blend of business savvy and a newfound passion for technology. I started on a traditional path with a degree in Business, and the pursuit of a master's degree took me further down that road. However, life has a way of revealing new passions, and for me, that was IT.

The potential of AI and software to shape our future fascinates me. Through self-study, I have gained essential coding skills and earned certifications from Microsoft and AWS. These steps were not just about learning new programing languages like Python or Java, but also, they were about preparing to make a difference with technology.

Now, as a postgraduate with a fresh perspective on computer science, I am excited to apply what I have learned. I am looking for a place where I can grow, contribute, and be part of the exciting changes that IT brings to our lives.

I am ready to dive into the IT industry, where I can use my mix of business understanding and technical skills to tackle new challenges. I am eager to join a team where I can continue to learn, create, and be part of something bigger than myself.

## TECHNICAL PROFILE

➢ Knowledge of technical languages including Java, SQL, HTML, CSS, JavaScript, React, Tailwind CSS, and Python.
➢ Knowledge of tools including Eclipse, Visual Studio, PyCharm, IntelliJ IDEA, Git, Node.js, AWS cloud services, and MS Office.
➢ Knowledge of DBMS like MySQL (SQL).
➢ Assignments in OOP project implementation, unit testing, and integration testing.
➢ Detail oriented person with strong self-learning ability and excellent team spirit.
➢ AWS Certified Solutions Architect - Associate and Certified Developer – Associate.
➢ Microsoft certifications in Java, HTML, CSS, Python.
➢ Proactively exploring popular languages and technologies in New Zealand

## EDUCATION

**Master of Information Technology (GPA: 8.5/9)**

➢ University of Auckland (UOA), Auckland, New Zealand          Feb 2023 – Current

**Master of Science, International Financial Analysis**

➢ University of Glasgow (UofG), Glasgow, UK          Sept 2016 – Nov 2017
Published papers: The empirical study among internal control, social responsibility and financial performance based on Chinese listed food and beverage industry.

**Bachelor of Management, Business Administration**

➢ Shenzhen University (SZU), Shenzhen, China.          Sep 2012 – Jun 2016
Major in Business Administration, minor in Finance.

## *ASSOCIATED PROJECTS*

### Cloud Architecture for Website                                    Oct 2023

➢ Description: Designed and implemented a scalable three-tier cloud architecture for a web service.

➢ Role and Tools: Architected the solution using and implementing different AWS services.

➢ Outcome: Established a reliable and scalable web infrastructure in the cloud, enhancing operational capability.

### Criminal Statistics Analysis                                      Sept 2023

➢ Description: Conducted an in-depth analysis of criminal statistics based on KDD process.

➢ Role and Tools: Analyzed data sets using SPSS, Python, and PySpark (cloud computing) to identify patterns and trends.

➢ Outcome: Produced a comprehensive report on crime statistics, discovering new insights from data mining process and

### Full Stack Blog website                                        May – Jun 2023

➢ Description: Developed a dynamic blog website with integrated database functionalities.

➢ Role and Tools: Took charge of full-stack development using JavaScript, Node.js, SQLite, CSS, HTML, AJAX, and Web API.

➢ Outcome: Enabled seamless blog management and user interactivity, enhancing user experience.

### Blog Management System                                           Jun 2023

➢ Description: Implemented a comprehensive blog management entry system.

➢ Role and Tools: Crafted the back-end with Java Swing and connected to front-end via Web API.

➢ Outcome: Streamlined blog entry process, improving content management efficiency.

### Car Filtering System                                             Apr 2023

➢ Description: Engineered a dynamic car search engine capable of filtering vehicle information based on multiple criteria from a JSON data source.

➢ Role and Tools: Led the front-end development, implementing advanced filtering logic with HTML, AJAX, CSS, JavaScript, and Web API to parse and present data from JSON.

➢ Outcome: Delivered an interactive search tool that offers customized vehicle searches, improving user experience with data retrieval and responsive design.

### Interactive Games Programming                              2023 Academic Year

➢ Description: Programmed engaging and interactive games.
➢ Role and Tools: Utilized Java to develop games like Kalah and Bulls and Cows, incorporating design patterns for code efficiency.
➢ Outcome: Delivered games with various game difficulty settings; continuously added functionalities and improved design of the code of Kalah.

## *WORK EXPERIENCE*

### University of Auckland, Auckland, New Zealand – Teaching Assistant    Current
➢ Taking the mentor role in WinCS (Women in Computer Science) to support female students in computer science for their academic works as well as holding regular events about future career path in the industry.

### Global Language School, Zhuhai, China – IELTS Teacher    Aug 2020 – Feb 2023
➢ Applied problem-solving skills to tailor feedback and educational strategies, enhancing student performance and engagement, resulting in a 10% increase in overall student grades.
➢ Leveraged strong verbal and written communication abilities during parent-teacher meetings and in collaboration with colleagues, ensuring clarity and effective exchange of ideas.
➢ Independently and collaboratively worked within the teaching team, requiring minimal supervision to deliver comprehensive language education.

### Dorma+Kaba Co., Ltd, Shenzhen, China – Intern    Summer 2016
➢ Demonstrated important communication skills by consulting with clients on production timelines and delivery estimates, ensuring customer satisfaction and process transparency.

### Industrial and Commercial Bank of China, Zhuhai, China – Intern    Summer 2015
➢ Handled customer inquiries with emphasizes on clear, effective communication.

### GF Securities, Zhuhai, China – Intern    Summer 2014
➢ Initiated and maintained customer relationships to facilitate continuous service improvement.

## *PERSONAL INTERESTS*

➢ Iyengar, Scuba diving, Snowboarding, Swimming, City Walk, Bowling.
➢ Calligraphy, Photography, Traditional Chinese Painting.