

Andrew Shin

📍 Auckland, New Zealand ✉️ hyungkenine2003@gmail.com ☎️ 0211555920 🌐 linkedin 📄 github 🌐 personal website

PROFESSIONAL SUMMARY

I am a motivated and detail-oriented penultimate year Software Engineering student at the University of Auckland with a strong foundation in Java, HTML, CSS, and MySQL. I have hands-on experience in developing, testing, and deploying software applications, and excel in Agile team settings. Known for my dedication and efficiency in debugging, my skills include building user interfaces, UX applications, and working with backend databases. I am eager to apply my technical skills to contribute to secure and efficient software solutions.

EDUCATION

Bachelor of Engineering in Software Engineering

University of Auckland • 2022 - 2025 • GPA 7.5/9

SKILLS

Languages: Java, JavaScript, Python, HTML/CSS, SQL, C, C++, MATLAB

Tools/Frameworks: Git/GitHub, Terminal, MySQL

WORK EXPERIENCE

Produce Assistant

Woolsworth

November 2021 - Present Auckland, New Zealand

- Assisted with inventory management, including replenishing stock, rotating items, and reducing waste, handling an average of 200 items daily
- Collaborated with team members to ensure efficient and organised operation of the produce department

Furniture Packer/Mover

1N2 Movers Ltd

August 2018 - Present Auckland, New Zealand

- Safely packed, loaded, transported, and unloaded furniture for residential and commercial clients
- Coordinated with team members to optimise the moving process, ensuring timely and successful relocations

Restaurant Server

Hyangwon

December 2020 - October 2021, Auckland, New Zealand

- Provided exceptional customer service, ensuring guest satisfaction through attentive and friendly interactions, resolving customer issues
- Accurately took and delivered food and beverage orders, maintaining high standards of service and efficiency
- Collaborated with kitchen staff and other team members to ensure seamless service and timely delivery of orders

PROJECTS

 view [personal website](#) for all projects.

Car Rental Booking and Management

Personal Project • [Car Rental Repository](#)

• Java JavaFX MySQL CSS

- Management of car rentals, bookings, clients, insurance, payments, and signup/login mechanisms
- Add, Update, Delete, Save Objects using OOP, DAO, MVC, Strategy
- Scene Builder for frontend and MySQL for backend database
- Thread Safety in Multi-Threading and Concurrency using Transaction management and Scheduled Tasks.

Escape Room AI Game

Collaborative Project • [Escape Room Repository](#)

• Java JavaFX CSS OpenAI

- Partnered with two other developers to design and implement an escape room application for Our client Brain-e-Riddlers.
- Utilised the OpenAI API to create dynamic and unique riddles for each game session through advanced prompt engineering techniques.
- Enhanced application performance by implementing multi-threading and concurrency.

Coin Detection Pipeline

Personal Project • [Coin Detection Pipeline Repository](#)

• Python Image-Processing

- Python pipeline to detect and outline coins in images with image processing techniques.
- Greyscale conversion, edge detection, blurring, thresholding, morphological operations, connected component analysis, and drawing boundary boxes.

CERTIFICATES

[Google Cloud Developer Professional Certificate](#)

VOLUNTEER

Teaching Assistant

The Korean School of Auckland

February 2018 – December 2020, Auckland, New Zealand

- Assisted in delivering educational content to 20 students and facilitated interactive learning sessions
- Supported classroom management and provided individual assistance to student
- Developed strong communication, organisational, and leadership skills

Interact Group

Westlake Boys High School

February 2018 – November 2018, Auckland, New Zealand

- Organised and led regular clean-up events, mobilising students to participate in environmental conservation efforts
- Collaborated with local organisations to enhance community engagement and raise awareness about environmental issues

Bible Study Teacher

Hanouri Korean Presbyterian Church

February 2021 – November 2021, Auckland, New Zealand

- Taught Bible lessons to children, making complex topics accessible and engaging
- Organised interactive activities and discussions to reinforce learning and engagement.
- Fostered a supportive and nurturing environment, encouraging children's spiritual growth and understanding

LANGUAGES

Korean (Native)

English (Native)