Andrew Shin

Auckland, New Zealand ✉ hyungkenine2003@gmail.com ☐ 0211555920 in 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.