Edson Li

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A fresh university graduate with a hardworking and meticulous work ethic, keen on experiencing new and challenging environments. Software experience includes working with a team of programmers and web design students to develop a share house utility scheduling web application, using technologies such as Next.js, Firebase, and Confluence. Currently, I have an interest in web development, with other interests including artificial intelligence and cyber security. Extensive experience functioning in a high-pressure environment, with 2 years of being a sergeant in the Singapore army. My favourite programming languages are java and python.

SKILLS and QUALIFICATIONS

Software:
- Data structures and algorithms (C, Python, Java, Haskell)
- Database (mySQL, noSQL) and modelling (draw.io)
- Object oriented development and design (Java, UML Models, Design Patterns)
- Artificial Intelligence (Python, Java)
- Scripting and automation (batch files, python, selenium)
- Web Development (HTML, JavaScript, CSS, C#, TypeScript, React.js, Firebase, .NET, github actions, CI/CD)
- Collaboration using an Agile framework + documentation (Confluence, jira, slack, discord)

Language: English(Fluent), Mandarin(Conversational), Cantonese(Conversational)
Interests: Bouldering, running, cycling

PORTFOLIO

University of Melbourne (2020 – 2022):
- Simple HTTP Server → Sockets (C)
- Basic Web Application → HTML, CSS, JavaScript
- Game Playing Agent (Hex) → AI, Heuristics, minimax search
- Share House utility scheduling web app → Next.js, Tailwind CSS, Firebase, Github actions, Confluence

Others:
- Basic console .NET app → C#
- Automated Test scripts for internship → Python Selenium

WORK EXPERIENCE

Toppan Ecquaria   Singapore
Software Developer Intern   *2022 Dec - 2023 Feb*
- Aided with the development of a polling web app used by the Singapore Government in an upcoming election, including manual testing, updating test datasets, writing scripts for user acceptance testing, updating database models, and other various administrative tasks.

Skills: Data cleaning (excel, python pandas), scripting (python selenium), database modelling (draw.io, AWS)
Reference: Wei Yang (Scrum Master) +65 9029 1959

Singapore Armed Forces   Singapore
Sergeant, Intel Reconnaissance   *2018 - 2020*

EDUCATION

University of Melbourne   Melbourne, VIC
Bachelor of Science, Computing and Software Systems   *2020 - 2022*
- Donovan-Johnston Scholarship - International House
- COMP30022 - IT Project
- COMP30023 - Computer Systems
- COMP30024 - Artificial Intelligence
- COMP30026 - Models of Computation
- SWEN30006 - Software Modelling and Design
- INFO30005 - Web information technologies

Meridian Junior College   Singapore   **Temasek Secondary School**   Singapore
GCE A level   *2016 – 2017*   *GCE O level*   *2012 - 2015*