

Lee Junwei

Aspiring Software Engineer

Driven to learn quickly, advance computer proficiency and training in industry operations. Flexible and hardworking team player focused on boosting productivity and performance with conscientious and detail-oriented approaches. Passionate about learning about how to use computational tools to empower people's lives.

Contact

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Software and Languages

JavaScript (NodeJS, React, React Native)

Docker

C/C++

C#

Java

Python

MySQL

Google Cloud

Unity

Work History

2023-01 – Current	Summer Intern <i>DSTA</i> <ul style="list-style-type: none">Spearheaded initiative for evaluating adversarial policies targeting Reinforcement Learning algorithms such as Proximal Policy to develop metrics and defenses for safeguarding the algorithmAssisted in setting up Docker containers to streamline the development and deployment process.Worked with Docker Compose to orchestrate multiple containers and facilitate seamless integration of services.Troubleshoot and resolved issues related to Docker containerization, ensuring smooth operation of the development workflow.Devised a blockchain-based authentication and authorization system for the Digital Twins project
2022-05 – 2022-08	Summer Intern <i>DSTA</i> <ul style="list-style-type: none">Partnered with team members to learn best practices in software design.Collaborated effectively with members of software development team and personnel in other departments.Worked with Unity-ML Agents and RL models such as Proximal Policy to develop simulationsDeveloped Map GIS algorithm using TurfJS to optimize assignment of targetsSat in on design team and planning meetings.
2021-05 - 2021-08	Solutions Development Engineer Intern <i>Variantz Asia Pacific Ltd</i> <ul style="list-style-type: none">Drove operational improvements which resulted in savings and improved profit margins of 70%.Spearheaded revamp of company website which led to

increase of site traffic by 67%

- Presented findings to senior managers using quantitative analysis and creative visuals in combined PowerPoint presentation.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.

Education

2020-08 - Bachelor's Degree of Engineering (Computer Science)

2024-08 *Nanyang Technological University Singapore*

Accomplishments

- Finalist in Google DSC Hackfest 2022
- Top 10 Finalists in DSTA Brainhack Today I Learned (TIL) Competition 2021
- Top 36 team out of 570 teams in DSTA Brainhack Cyber Defender Discovery Camp (CDDC) Competition 2023