

LOU JIAFAN

Personal Website

Contact

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WORK EXPERIENCE

PERIOD	May 2024 — September 2024	
EMPLOYER	Cisco	London, The United Kingdom
JOB TITLE	Software Student Intern	
LANGUAGES	C++	
	Developed new functionalities for Cisco’s WebEx using C++ and Python. First-hand experience working in an enterprise development environment playing a part in a large-scale project and working with legacy code.	
PERIOD	January 2024 — April 2024	
EMPLOYER	Green Software Foundation	London, The United Kingdom
JOB TITLE	Software Student Intern	
LANGUAGES	TypeScript, JavaScript	
	Developed new plugins/models for the project IF(Impact Engine Framework) using TypeScript. The plugins successfully detected and reduced carbon footprints generated by cloud servers. This is achieved by using the backpack algorithm while other members develop further with more functionalities.	
PERIOD	August 2022 — November 2022	
EMPLOYER	Royal Holloway, University of London	Surrey, The United Kingdom
JOB TITLE	Technical Coordinator & Graphic Design Lead	
	In charge of assisting in the technical coordination during the events, designing infographic content for the Wellbeing event held by the university, and assisting others with resource production and management.	
PERIOD	June 2022 — September 2022	
EMPLOYER	Royal Holloway, University of London	Surrey, The United Kingdom
JOB TITLE	Research Assistant	
	Analyses quantitative research data regarding student interactions from online teaching under Dr. Hayes Beatrice from the university.	

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SKILLS

Programming Languages	JavaScript, TypeScript, Java, Python, C, C++
Frontend Development	React, Electron, Vite, Bootstrap, REST, Tailwind, Redux
Web, UI/UX	Next.js, matter.js, GSAP
Java Backend	Spring Boot, Maven, Gradle, JUnit
Databases	SQL, MongoDB
DevOps	Docker, Kubernetes
Version Control	Git, SVN
Project Management	Agile Methodology, Jira
Cloud	AWS, Google Cloud/Firebase, Heroku
Testing	Playwright, Vitest, Jest, Black/White Box Tetsings, TDD

EDUCATION

PERIOD	September 2023 — September 2024		
DEGREE	Master of Science, in Software Systems Engineering		
RANK	Honours with Merit		
UNIVERSITY	University College London	London, The United Kingdom	
PERIOD	September 2020 — June 2023		
DEGREE	Bachelor of Science, in Computer Science		
RANK	First Class Honours		
UNIVERSITY	Royal Holloway, University of London	Surrey, The United Kingdom	
PERIOD	January 2018 — December 2019		
DEGREE	Singapore GCE A-Level		
UNIVERSITY	Temasek Junior College	Singapore	

OTHER PROJECTS

University Projects	Building an interactive web-based menu using JavaScript with React
Personal projects 1	Interactive personal website
Personal Projects 2	Minimalist cross-platform Note

I am seeking a role in the field of IT, with a special focus on **software engineering**. Having grown up in Singapore since primary school, I developed strong bilingual proficiency in both English and Chinese. I also continued my tertiary education in the UK for another four years where I obtained my degrees. I am passionate about applying my skills on a global scale, contributing to innovative projects, and being part of an international community. I am eager to quickly adapt to new technologies, collaborate with diverse teams, and continue growing my expertise in a constantly evolving field. I look forward to bringing my enthusiasm and dedication to your enterprise.