

JIAFAN LOU

Personal Website

Contact

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WORK EXPERIENCE

PERIOD	March 2025 — Current	
EMPLOYER	WildDream	Singapore
JOB TITLE	React Native Developer (Part-time)	
LANGUAGES	JavaScript, Java	
	In charge of conducting overhaul and maintenance of an open-source mobile APP that stopped updating. Uses React Native framework, combined with Firebase(Google Cloud), Gradle, and Android Studio.	
PERIOD	May 2024 — September 2024	
EMPLOYER	Cisco	London, The United Kingdom
JOB TITLE	Software 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 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	Java, JavaScript, TypeScript, Python, C, C++
Human Languages	English, Chinese (Bilingual)
Frontend Development	React, React Native, Electron, HTML, Vite, REST
Web, UI/UX	NEXT.js, CSS, Tailwind, matter.js, GSAP
Backend Development	Spring Boot, Maven, Gradle, JUnit, Django
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		
INSTITUTION	University College London	London, The United Kingdom	

PERIOD	September 2020 — June 2023		
DEGREE	Bachelor of Science, in Computer Science		
RANK	First Class Honour		
INSTITUTION	Royal Holloway, University of London	Surrey, The United Kingdom	

PERIOD	January 2018 — December 2019		
DEGREE	Singapore GCE A-Level		
INSTITUTION	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 position in the field of IT, focus on **software engineering**. Having grown up in Singapore since primary school, I developed strong bilingual proficiency in English and Chinese. I continued my tertiary education in the UK where I obtained my degrees. I am always eager to learn new knowledge to continue growing in this constantly evolving field. This helps me to quickly adapt to new environments and is able to collaborate well with diverse teams.

I look forward to bringing my enthusiasm and dedication to your enterprise.