

Aaron Wan

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SUMMARY

Recent Computer Science graduate with a strong foundation in Java and Python, seeking a Forward Deployed Software Engineer position at Palantir. Passionate about leveraging data-driven approaches to solve complex, real-world problems. Experienced in full-stack development, API integration, and collaborative project work. Eager to apply technical skills and problem-solving abilities to address critical challenges across various industries. Committed to continuous learning and adaptable to fast-paced, evolving environments. Ready to contribute to Palantir's mission of empowering organizations through innovative data solutions.

EDUCATION

Lancaster University <i>Bsc in Computer Science (Achieved 2:1)</i>	Lancaster, UK Oct 2021 – Jul 2024
Lancaster Royal Grammar School <i>B.S. in Electrical Engineering and Computer Science</i>	Lancaster, UK 2019 - 2021

TECHNICAL SKILLS

Technologies: HTML, CSS, Java, JavaScript, MYSQL, C, PHP, Node.js, Python, MatLab, MongoDB, PostgreSQL, REST, Express.js, OOP, SOLID, Software Design, Git, REST, Express.js, Git, React.js, Postman, Cypress

Soft-Skill: Team Collaboration, Team Communication, Time Management, Problem Solving

PROJECTS

Passive Replication Storage System

Java OOP

Java, RMI

- Implemented a fault-tolerant storage system using Java RMI, demonstrating problem-solving skills in distributed systems.
- Ensured data consistency and reliability across multiple servers, simulating real-world enterprise challenges.

REST API Application

Software Development

MongoDB, React, Express.js, Node.js

- Integrated MongoDB for efficient data storage and retrieval, demonstrating experience with large-scale data handling.
- Created a responsive React frontend, illustrating ability to develop user-friendly interfaces for complex data systems.

Ecommerce Front-end

Software Development

React, MUI, Tailwind.css

- Implemented dynamic data fetching from an API, simulating integration with backend services in enterprise environments.
- Designed and implemented an e-commerce website using React, demonstrating ability to create solutions for real-world needs.

EXPERIENCE

Intern

Sun Hung Kai Properties, Hong Kong

Jul 2022 to Sep 2022

Hong Kong

- Prepared detailed client profiles for senior executives, illustrating capability to present technical information to non-technical stakeholders.
- Collaborated across departments to facilitate market expansion efforts, showcasing cross-functional teamwork skills.

STEM Summer Course Teaching Assistant

Eye Level Learning

Mar 2019 - Jan 2021

Hong Kong

- Mentored students in STEM projects, fostering critical thinking and problem-solving skills essential for software engineering.
- Contributed to 20% growth in student population through program enhancement, demonstrating impact-driven approach.
- Trained new teaching assistants, showcasing leadership and knowledge transfer abilities.

VOLUNTEERING AND EXTRA-CURRICULAR ACTIVITIES

- Taught English to underprivileged children aged 4-5 using interactive methods like storytelling and phonics to enhance literacy skills.
- Participated in the Lancaster Ethical Hacking Society focused on learning and understanding basic cyber-security concepts.