Fabian Heng

Computer Science Undergraduate in NUS.
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Education

National University of Singapore — Computer Science   08/23 – Present

Undergraduate Computer Science Student, GPA 4.5/5. On track to Honors.

Singapore Polytechnic — Infocomm Security Management   04/18 – 03/21

Graduated with Distinction, GPA 3.888/4. SP's CCA Gold with Honors.

Experience

Front-End Software Engineer — Ultraflow Engineering [link]   08/23 – 08/24
• *Full-Time*

Led web development projects, designing and building full-stack websites that enhanced user experience and boosted customer engagement.

Optimized the company's network infrastructure by resolving technical issues and maintaining stable operations of Wi-Fi, network connectivity, and internal data management systems.

Head Software Developer — NUS Orbital Project [link]   05/24 – 08/24
• *Part-Time*

Developed *Trackspence*, an all-in-one expense tracking web app with budgeting tools and real-time spending insights.

Engineered secure authentication with encrypted data storage and integrated APIs (*AlphaVantage, FXratesAPI, Gemini API, Mailgun*) for real-time financial data and notifications using the MERN stack.

Telco Software Engineer — Trustwave Singtel   03/20 – 08/20
• *Internship*

Developed and optimized reusable Web Threat Dashboard components using React, ensuring efficient and scalable front-end solutions.

Processed and analysed large-scale datasets to extract meaningful insights.

Customized and refined various widgets to meet specific client requirements and enhance user experience.

Certifications

NUS Orbital - Apollo 11 (Advanced) — NUS   Issued on 08/24

Singtel Cyber Cadet Scholarship 2019 — Singtel   Issued on 03/20

Organizational Systems Security Analyst — ThinkSecure   Issued on 09/19

Leadership

President — Korean Cultural Interest Group   05/24 – 05/25
• *National University of Singapore*

Led and managed a CCA with over 300 active members, ensuring smooth execution of all club events and activities.

Programmes Committee — Sign Language Club   04/19 – 03/21
• *Singapore Polytechnic*

Organized and facilitated events and camps for club members, outlined comprehensive operation plans, handling event logistics, objectives, and timelines to ensure seamless execution.

Services

Full-Stack Development, UI/UX Web Design, Software Development, Database Management, Visual Design, Data Analysis, Customer Relations.

Toolbox

React, Figma, HTML/CSS, JavaScript, DaVinci Resolve, MongoDB, MySQL.

Yours truly,