

Fabian Heng

Computer Science Undergraduate in NUS.

fabianheng.github.io/me

fabian.heng@icloud.com

Education

National University of Singapore — Computer Science

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

Singapore Polytechnic — Infocomm Security Management

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

Experience

Front-End Software Engineer — Ultraflow Engineering [\[link\]](#)

- 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 [\[link\]](#)

- 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

- 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

- National University of Singapore

05/24 – 05/25

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

Programmes Committee — Sign Language Club

- Singapore Polytechnic

04/19 – 03/21

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,

