

Edgar Russell Teong Kai Han

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EDUCATION

Singapore Management University

Aug. 2020 – Dec. 2024

Double Major, Computer Science & Accountancy

- Relevant Coursework: Intro to Software Engineering, Web App Development, Data Management, Data Structures and Algorithms

University of St. Gallen (Exchange)

Sept. 2014 – Dec. 2024

EXPERIENCE

Affle

Jun. 2023 – Aug. 2023

Frontend Engineer Intern

Singapore

- Developed unit-tested front-end modules and components for customer products using React
- **Manager Reference:** Charles Yong, Chief Architect, charles@affle.com
- Technologies: **React, HTML/CSS**

Government Technology Agency

Jan. 2023

Software Engineer Intern

Singapore

- Worked on the Tech iOSH Refresh Project aimed at providing a more seamless registration portal for safety and health professionals
- Developed unit-tested components for revamped portal to enhance UX and create a more responsive UI
- Technologies: **React, Figma, HTML/CSS**

Schneider Electric

Aug. 2022 – Dec. 2022

Data Analyst Intern

Singapore

- Led data migration and adoption of version-control with GitHub to enable improved workflow tracking & data retrieval
- Created SQL data-retrieval scripts for use by entire Internal Audit team
- Developed machine learning algorithm to automate fraud detection for each internal audit cycle
- Technologies: **SQL, Git, Python, Seaborn, Sci-kit Learn, Pandas**

Accenture

June. 2022 – Aug. 2022

Software Development Engineer in Test Intern

Singapore

- Developed testing tools for iHiS Billing Transform project, aimed at digitally transforming the nationwide healthcare billing solution
- Developed test scripts and templates for testing cycle through SOAP APIs and Python
- Technologies: **Python, SOAP API**

PROJECTS

TOP Projects | *HTML/CSS, Jest, Webpack, npm, React, PostgreSQL, Node.js, Express.js*

Jan. 2024 – Present

- A collection full-stack projects, aimed at enhancing my full-stack development skills
- Projects include web apps such as a functional calculator, a to-do list, a weather app and Battleship

Kyla's Birthday | *HTML/CSS, JavaScript*

July 2024

- Developed a static webpage for my partner's birthday
- Scroll animations and design were written in vanilla JavaScript

TECHNICAL SKILLS & INTERESTS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, Node.js, HTML/CSS, R

Frameworks: React, Express.js

Developer Tools: Git, Figma, SAP, Prisma

Libraries: pandas, NumPy, Matplotlib, seaborn, sci-kit learn

Interests: I'm a computer nerd, I'm a coffee nerd, I'm a mechanical keyboard nerd, I'm a book nerd, I'm a film nerd.