Edgar Russell Teong Kai Han

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EXECUTIVE SUMMARY
Full-Stack Engineer, with a strong passion for software engineering and sustainability.

EDUCATION

Singapore Management University | **Aug. 2022 – Nov. 2024**
- Double Major: Accountancy (1st), Information Systems (2nd)
- Relevant Coursework: Intro to Software Engineering, Web App Development, Data Management, Data Structures & Algorithms

University of St. Gallen, Switzerland (Exchange) | **2023-2024 Semester 1**

WORK EXPERIENCE

Ernst & Young | **Dec. 2021 – Feb. 2022**
Auditor (Internship)

Accenture | **June. 2022 – Aug. 2022**
Software Development Engineer in Test (Internship)
- Contributed to creating testing tools for Billing Transformation project for IHiS's nationwide healthcare billing solution such as test script templates for 60% more proficient testing cycles with use of SOAP APIs and SAP Backend server, as well as Python data management and generation tools.
    - **Technologies: SOAP APIs, SAP, Python**

Schneider Electric | **Aug. 2022 – Dec. 2022**
Data Analyst (Internship)
- Led data-migration and version-control adoption on GitHub to enable 70% easier workflow tracking and SQL script manufacturing to extract and visualize data from audits saving 100+ hours per cycle.
- Worked closely with Lead on Machine Learning project aimed to allow automated fraud detection to enable 50% faster audit cycle processing.
    - **Technologies: SQL, Git, GitHub, Python, Seaborn, Sci-kit Learn, Pandas**

Government Technology Agency (GovTech)
Software Engineer (Internship) | **Jan. 2023**
- Worked on the Tech iOSH Refresh Project, developing, testing, and debugging code for the revamped portal using Figma to design and React to implement the frontend to enable 60% more responsive user interface.
    - **Technologies: Figma, Git, GitHub, HTML, CSS, JavaScript, React**

Affle | **Jun-Aug. 2023**
Frontend Engineer (Internship)
- Developed and unit-tested front-end modules and components for main site as well as customer-facing products that led to 22% increase in sales.
- Reference:
- Charles Yong, Chief Architect, charles@affle.com, 9846 8620
    - **Technologies: Figma, React, HTML, CSS/SASS, JavaScript**

PROJECTS

"The Odin Project" Portfolio Projects
- A collection of full-stack projects from the "The Odin Project", notably a functional calculator, a to-do list app, a weather app and a tic-tac-toe game.
    - **Technologies: HTML, CSS, JavaScript, Jest, Webpack, npm, Node, React**

forlala.com
- Created a static website for my partner to celebrate her birthday, hosted with Vercel complete with CSS and JavaScript animations, using merely vanilla JavaScript.
    - **Technologies: HTML, CSS, JavaScript**

SKILLS & INTERESTS
- **Technologies:** C; Java; Python; HTML; CSS; SASS; JavaScript; Python Flask, React.js, Node.js, PostgreSQL, MongoDB
- **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.