Edgar Russell Teong Kai Han

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EDUCATION

Singapore Management University   Aug. 2020 – Dec. 2024
Bachelor of Accountancy, Second Major in Computer Science
- Relevant Coursework: Intro to Software Engineering, Web App Development, Data Management, Data Structures and Algorithms

University of St. Gallen (Exchange)   Sept. 2023 – Dec. 2023

EXPERIENCE

Affle   Jun. 2023 – Aug. 2023
Fullstack Engineer Intern   *Remote*
- Developed unit-tested front-end components and back-end routes for 13 different customer products using React generating revenue of more than $12k
- **Manager Reference:** Charles Yong, Chief Architect, charles@affle.com
- Technologies: **React, HTML/CSS**

Government Technology Agency (GovTech)   Jan. 2023
Software Engineer Intern   *Singapore*
- Worked on the Tech iOSH Refresh Project aimed at providing a more seamless registration portal for more than 2000 safety and health professionals
- Developed unit-tested components for revamped portal to enhance UX through SEO optimisation and accessibility improvements and created a more responsive UI with 70% higher user adoption rates
- 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 across 300 different SQL scripts
- Created a comprehensive SQL data-retrieval script bank for use by entire Internal Audit team
- Developed machine learning algorithm to automate fraud detection for each internal audit cycle with an 80% effectiveness
- 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 APIs**

PROJECTS

TOP Projects | *HTML/CSS, Jest, Webpack, npm, React, PostgreSQL, Node.js, Express.js*   Jan. 2024 – Present
- A collection full-stack projects learned from "The Odin Project" where I self-taught full-stack development
- Projects include web apps such as a functional calculator, a to-do list, a weather app, a message board and Battleship

Kyla's Birthday | *HTML/CSS, JavaScript*   July 2024
- Developed a static webpage to celebrate my partner's birthday, with cross browser compatibility
- Scroll animations and design are written in vanilla JavaScript

TECHNICAL SKILLS & INTERESTS

Languages: Java, Python, C/C++, SQL (Postgres + Prisma), TypeScript/JavaScript, Node.js, HTML/CSS/SASS, R, PHP
Frameworks: React, Express, CSS Modules
Developer Tools: Git, Figma, SAP, Prisma, Jest, Vitest
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