

BRENDAN KHOW BO REN

(+65) 93724552 | brendankhow@gmail.com | <https://brendankhow.vercel.app/>

EDUCATION

Singapore Management University (SMU)

Bachelor of Science (Information Systems)

- Expected graduation in December 2025

Singapore

Aug 2022 - Present

Temasek Polytechnic

Diploma in Financial Business Informatics

- GPA : 3.74/4.00

Singapore

Apr 2017 - Mar 2020

EXPERIENCE

Singapore Exchange Limited (SGX)

Index Operations Analyst Intern

Singapore

Aug 2025 - Present

- Managed daily operations for 1,500+ indices, ensuring accuracy and compliance through data validation and corporate actions
- Automated repetitive workflows using Python scripts, Excel VBA, and Power Query, reducing manual effort and improving processing speed
- Facilitated onboarding of new indices to SGX's cloud platform, ensuring smooth migration and system readiness

Strategy & Transformation Intern

May 2025 - Aug 2025

- Automated manual workflows in Index Operations team by web scraping Helios system, cutting down overall processing time by 85%
- Analysed large datasets in Excel leveraging advanced formulas to generate actionable insights for stakeholders
- Designed visually engaging PowerPoint decks for internal presentations, enhancing communications with stakeholders

Zora Healthcare Pte Ltd

Software Engineer Intern

Singapore

May 2024 - Nov 2024

- Developed core B2B mobile web application, serving 200+ active users with streamlined access and functionality
- Built a scalable and secure application using NuxtJS, NodeJS & Express, Firebase and Google Cloud Platform (GCP), ensuring 99.9% uptime
- Implemented user authentication for registration and login utilizing Firebase, reducing login issues by 35% and boosting data integrity
- Collaborated in developing a custom LMS, optimizing data-fetching and structuring to improve content delivery speed by 40%

NCS Pte Ltd

Business Analyst Intern

Singapore

Jun 2023 - Oct 2023

- Designed a comprehensive Figma dashboard prototype, showcased in 10+ client presentations and increased stakeholder engagement
- Collaborated with 10+ functional consultants throughout project delivery lifecycle to ensure timely and successful outcomes
- Spearheaded creation of 5 monthly newsletters, coordinating with 10+ department leads to deliver curated content to 100+ employees
- Developed and designed 15+ visually engaging PowerPoint decks for supervisors, enhancing clarity and impact in client-facing presentations

Refinitiv Asia Pte Ltd

Research Assistant Intern

Singapore

Jul 2019 - Jun 2020

- Developed 5+ automated systems using Excel VBA, streamlining operational workflows and reducing manual effort by 50%
- Created well-designed dashboards using Excel and Refinitiv Eikon, improving data visibility and supporting decision-making for 7 analysts
- Managed and processed large datasets (100K+ rows) for Business-as-usual (BAU) tasks, ensuring accuracy and timely delivery

PROJECTS

Flexify | Interaction Design Prototype

Group Project

SMU

Aug 2023 - Dec 2023

- Utilized Figma to design low-fidelity and high-fidelity prototypes
- Conducted Web Experiment to understand potential user preferences between two different User Interface (UI)

SustainableEats | Interactive Mobile Web Application

Group Project

SMU

Aug 2023 - Dec 2023

- Built an interactive mobile web application using Vue.js, Bootstrap, CSS, Firebase and OpenAI's API
- Designed low-fidelity and high-fidelity prototypes using Figma

CO-CURRICULAR ACTIVITIES

Financial Business Informatics Student Interest Group

Media & Publicity Assistant Head

Temasek Polytechnic

Apr 2018 - Apr 2019

- Managed social media platform (e.g. Instagram) of interest group to raise awareness of diploma
- Planned and facilitated publicity strategies and interest group campaigns to generated publicity of diploma

ACHIEVEMENTS

- Awarded Edusave Certificate of Academic Achievement for top 25% in the cohort (AY 2018, 2019)
- Achieved 1st runner up in Junior Achievement Singapore Company of the Year Competition 2018

SKILLS & INTERESTS

- Programming Languages: Javascript | NodeJS & Express | Python | HTML5 | CSS | PHP | Bootstrap | ReactJS | VueJS | MySQL
- Soft Skills: Leadership | Teamwork | Communication | Adaptability | Creativity | Problem-solving