

KENDRICK POON

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EDUCATION

Singapore Management University (SMU)

Bachelor of Science (Information Systems)

Jan 2023 - Jan 2027

- Relevant course work (Distinctions): Intro to Programming, Web App Development, Database Management

Anglo Chinese Junior College

H2 Physics, H2 Chemistry, H2 Mathematics, H1 Economics

Jan 2019 - Jan 2020

TECHNICAL SKILLS

- Programming Languages: Python | HTML/CSS | PHP | Javascript | SQL | Bash
- Tools and Frameworks: React | Vue.JS | Node.js | Express.js | Tailwind CSS | PostgreSQL | MongoDB | Git
- External Tools: Figma | Tableau | Github | Postman | Ollama
- Microsoft Office Suite (Word, Powerpoint and Excel)

EXPERIENCE

Truly

Software Engineer Intern

May 2024 - Aug 2024

- Developed a backend codebase using MVC architecture in JavaScript, Node.js, and Express.js for a web application
- Implemented middleware with Axios to facilitate communication between the web application and external services
- Built the frontend with Vue.js, utilizing the PrimeVue library and Telegram API, supporting over 400 concurrent users
- Developed and integrated APIs and models in the backend using JavaScript, Node.js, and Express.js, improving speed by 30%
- Enhanced security by implementing JWT for user authentication and authorization
- Adopted CI/CD practices, deploying staging and production environments on Vercel
- Tech Stack: Vue.js, Express.js, Javascript, Node.js, Supabase, Docker, Telegraf API, Vercel

SMU / WinGo Textual Analytics Database

Machine Learning Intern / Research Assistant

May 2024 - Jul 2024

- Conducted research under Professor Hu Nan, focusing on LLM data analysis for WinGo.
- Optimised process of data scraping and cleansing of financial data by leveraging Python spiders
- Utilise Large Language Models(LLM) such as GPT4 to analyse the impact of unstructured financial data from SGX Market
- Tech Stack: Python, LLM, GPT4, Vue.JS

Spruce Realty Pte Ltd

Software Engineer Intern

Jan 2024 - Apr 2024

- Developed a full-stack internal application with HTML/CSS and PHP to streamline real-estate document management.
- Created dashboards in Tableau to visualize real-estate listing data.
- Utilized Python and BeautifulSoup for web scraping to gather user insights on real-estate listings
- Tech Stack: HTML/CSS, Python, SQL, Tableau

PROJECTS

Heap Programme (Fitness Planner Web Application)

https://github.com/Thykp/HEAP_Group17

Full-Stack Software Engineer

- Built a full-stack web application enabling users to track and organize fitness plans seamlessly
- Led a team of 5 as Team Lead, Full-Stack Engineer, and DevOps
- Developed backend API and model codebase using MVC architecture, integrating with Supabase and a React frontend
- Utilised CI/CD and prepared staging and production environment on Vercel
- Integrated OpenAI API and fine-tuned prompts to generate desired output into JSON format to be stored in Supabase
- Deployed Link: <https://workout-wise-frontend.vercel.app/>
- Tech Stack: Javascript, React, Tailwind CSS, Node.js, Express.js, Supabase, OpenAI API, Vercel

Pyramid TicTacToe

https://github.com/Thykp/Jouvire_Internship

React Application

- Developed a fully-functional Pyramid TicTacToe game on React and styled with Tailwind CSS
- Implemented React Testing Library to do automated testing on corner cases
- Deployed Link: https://thykp.github.io/Jouvire_Internship/
- Tech Stack: React, Tailwind CSS, React Testing Library

CERTIFICATIONS

- Google Pro Certification, IT Automation in Python