

The Vinh Ly (Vincent Ly)

Web developer

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Website: <https://vincent-softdev.github.io> or



AREA OF EXPERTISE

Frontend Developer, Backend Developer, Machine Learning Engineer

WORKING EXPERIENCE

Full Stack Software Engineer

Delta Cognition (used to call cPay before Dec 2022)

Aug 2022 - Feb 2024

- I modified React, TypeScript, SCSS, and Python to optimize the page's performance for faster loading and browsing.
- Contributed to frontend improvements of the data transfer system, making it six times faster and reducing the time from over 2 minutes to less than 30 seconds.
- Enhanced the application's features to effectively address bugs and optimize overall performance, reliability, and efficiency.
- Designed and executed a brand-new application using Flutter and Dart to create a mobile version of the company project.

Full Stack Software Developer - Internship

Swinbourne University

Nov 2020 - Mar 2021

- Created an Arduino webpage that allows users to connect and interact with Arduino through the website.

KEY SKILLS

HTML, CSS, SCSS, TailwindCSS, ReactJS, Typescript, Python, Flutter, GIT, Docker, SQL, Bash, Notion, RESTful APIs

PERSONAL PROJECTS

Shopping Helper

- This project helps people minimize their expenses and effort in weekly grocery shopping by managing products based on store, distance, and price. The project works effectively only with

stores that have a website or public data. This project is on pause due to lack of knowledge in AI.

Link: <https://github.com/vincent-softdev/shopper-helper> or



Facebook Clone

- This is a small project designed to showcase all the skills I have gained, bundled into one well-known user interface. The technologies used include TailwindCSS, Next.js, a fake database, and the S.O.L.I.D principles. This project is still in progress, and I will add a back-end later.

Link: <https://github.com/vincent-softdev/facebook-clone> or



EDUCATION

Master of Software Engineer

Torrens University Australia

May 2022 - May 2024

Doctor of Philosophy - Computer Science (Withdrawal)

University of Adelaide

Apr 2021 - Apr 2022

- Improving the performance and variety of symbolic regression solutions by using neural networks, supported by other machine learning techniques. This includes comparisons between several genetic programming (GP) and neural network (NN)-based methods.

Bachelor of Engineering (Honours) - Software

Swinburne University of Technology

Feb 2017 - Mar 2021