

Steven (Duc) Bui

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EDUCATION

Bachelor of Science in Computing and Software Systems

Jun, 2022 - Aug, 2025

The University of Melbourne

- **Relevant Coursework:** Algorithms and Data Structures, Object Oriented Software Development, Software Modelling and Design, Computer Systems, Machine Learning, Artificial Intelligence
- **Achievements:** Melbourne International Undergraduate Scholarship

RELEVANT EXPERIENCE

AI Engineer Intern

Mar, 2025 - Present

AndAI, Remote

- Fine-tuned AI models using Unsloth, improving model efficiency and inference speed by 40%, optimizing performance and accuracy
- Designed and developed AI-driven automation tools, streamlining repetitive tasks and boosting operational efficiency

Technology Mentor

Feb, 2023 - Jan, 2025

Digimaker, Melbourne, Australia

- Conducted weekly coding lectures to over 200 students across Melbourne, teaching 6 programming languages: Scratch, Small Basic, Python, JavaScript, C, and Java
- Fostered a productive learning environment, increasing student engagement and satisfaction by 50% through tailored materials and interactive sessions

RELEVANT PROJECT WORK

Image Recognizer and Inventory Manager

Aug, 2024 - Oct, 2024

Medical Pantry, Melbourne, Australia

- Applied AGILE methodology with Jira to manage projects, issues, and tasks
- Deployed a responsive and modern interface with Next.js, React, and TailwindCSS
- Integrated Artificial Intelligence for image recognition, achieving 80% accuracy in categorizing medical products
- Streamlined onboarding and medical items recognition processes for a medium-sized non-for-profit organisation
- **Technology used:** NextJS (Typescript), React, AntD UI library, TailwindCSS, Firebase

Books Store Collaborative Recommender System

Apr, 2024 - May, 2024

Element of Data Processing, The University of Melbourne

- Applied collaborative filtering and content-based models to create a recommendation system, achieving a 80% accuracy rate
- Built an end-to-end system using matrix factorization, feature extraction, and text preprocessing
- **Technology used:** Scikit-learn, Surprise, Pandas, NLTK, Matplotlib

TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, TypeScript, C++, C#, SQL
- Web Development: React, Next.js, Node.js, TailWindCSS, HTML, CSS
- Database: MySQL, PostgreSQL, Firebase
- Tools: GitHub, Jupiter Notebook, Scikit Learn, Pandas
- AI/ML: Unsloth, LangChain, LangSmith, LangGraph

EXTRA CURRICULAR ACTIVITY

Full-stack Developer

FoundersHack, Melbourne, Australia

- Collaborated with a team of 5 in 72-hour hackathon focused on brainstorming start-up to create solutions using Artificial Intelligence
- Built a full-stack web application with NextJS, TailwindCSS, and AntD to connect people via social events

LANGUAGES

- English: Full Professional Proficiency (IELTS 8.0)
- Vietnamese: Native

REFERENCE

Tassneem Poonawala | Program Manager at Digimaker, Melbourne - info@digimaker.com.au