

Alexander Simon Wong

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WORK EXPERIENCE & PROJECTS

Private Coding Tutor

Self-Employed

Cikupa, Tangerang

March 2025 – Present

- Taught programming (Python, Scratch) to students weekly.
- Designed custom lesson plans based on student age and level.

WeedSense

Project Manager & AI Developer

Project

April 2025 – June 2025

- Led the development of WeedSense, a web app that segments crops and weeds from plant images. Trained the AI model using a U-Net architecture, including data cleaning, preprocessing, and augmentation. Managed a small team and built the app using React, Flask, and Supabase.

Flancer

Project Manager & Backend Developer

Project

May 2025 – June 2025

- Directed the backend development of Flancer, a web-based marketplace for digital freelancers. Built core systems for account creation, skill showcasing, and client-freelancer matching. Utilized Next.js for the frontend and Supabase for database and authentication.

ACHIEVEMENT & CERTIFICATIONS

ICP Hackathon 14

2nd Place Winner

Jakarta

June 2025

- Developed a web application featuring a customizable AI study companion powered by Gemini 2.5 (LLM), decentralized file storage, and a document parser supporting .pdf, .txt, and .doc formats.

Digital Talent Scholarship

Cisco Certification

BINUS

February-June 2024

- Data Analytics Essentials, Completed foundational training in data analysis techniques and data-driven decision making.
- Python Essentials 1, Gained core knowledge in Python programming, including data types, control flow, and functions.
- Python Essentials 2, Advanced understanding of object-oriented programming and file handling.

EDUCATION

Universitas Bina Nusantara

Bachelor's in Computer Science

Alam Sutera

Graduation Date: June 2027

- 3.83 GPA (as of Semester 5)
- Part of IT Development Team in BINUS Student Learning Center (BSLC)

SKILLS

Skills:

- **Programming Languages:** Python, JavaScript, TypeScript, Java, C/C++, SQL (PostgreSQL)
- **ML & Data Science:** Scikit-learn, TensorFlow, NumPy, Pandas, Matplotlib
- **Web Development:** React (with Vite), Next.js, Motoko, HTML, CSS
- **Databases & Backend:** Supabase, Express, Node, FastAPI
- **Development Tools:** Git, GitHub, Figma