Han Le

Santa Ana, CA ● (657) 357 2727 ● han.ldg25@gmail.com ● www.linkedin.com/in/hanl25 ● github.com/hanle25

PROFESSIONAL SUMMARY

Computer Information Systems student specializing in Data Science and Data Engineering, with hands-on experience in Python, SQL, React, Power BI, and relational databases. Experienced in building data-driven systems, dashboards, and logistics optimization tools that improve efficiency and reduce costs. Seeking a Data Analyst or Data Engineering internship to apply technical, analytical, and problem-solving skills to real business challenges.

EDUCATION

California State Polytechnic University, Pomona - GPA:3.8
B.S. in Computer Information Systems, minor in Data Science — *August 2024 - December 2026 (Expected)*

Orange Coast College
A.S. in Computer Science, A.S. in Mathematics — *January 2022 - May 2024*

EXPERIENCE

Computer Information System Department at Cal Poly Pomona — Pomona, CA
Instructor Student Assistant — *September 2025 - May 2026*

- Assisted instructors with **course materials** and **technical troubleshooting** for Management Information Systems.
- Supported students in **database management**, **Python**, and **system concepts** during office hours.
- Improved student learning by helping students solve technical problems independently.

Phat Thinh Vina — Ho Chi Minh City, Vietnam
Fullstack Developer / Data Engineer Intern — *April 2025 - September 2025*

- Transformed a manual truck assignment process into a web-based **logistics optimization platform** using **React, Flask, and Neon/PostgreSQL**, reducing truck assignment time by **70%**.
- Designed relational database schemas for **customers**, **vehicles**, **storages**, and **delivery orders**, improving data accuracy and scalability.
- Implemented routing logic using **distance**, **truck capacity**, **product weight**, and **volume checks** to improve truck utilization and reduce delivery costs.
- Developed **customer grouping** and **off-route detection** features to help staff plan deliveries faster and make more cost-effective decisions.

Student Innovation Idea Labs (SIIL) — Pomona, CA
Technical Student Assistant — *November 2024 - May 2025*

- Developed a **Repetier account creation** system using **React**, **JavaScript**, **HTML**, and **CSS** for 3D printing lab users.
- Redesigned and optimized the **SIIL website** to improve **accessibility** and **user experience**.
- Troubleshoot technical issues with IT staff, helping maintain reliable lab operations.

Career Center Orange Coast College — Costa Mesa, CA
Technical Student Assistant — *September 2023 - May 2024*

- Integrated **scheduling software**, reducing student appointment wait times by **40%**.
- Provided IT support to **100+** students and staff.
- Maintained and updated IT systems to support smooth daily operations.

PROJECTS

Brain Tumor MRI Classification

- Developed a **PyTorch deep learning model** to classify MRI images into glioma, meningioma, pituitary tumor, and no tumor categories.
- Trained and evaluated a **ResNet18 CNN model**, achieving **95%** test accuracy.
- Analyzed **confusion matrix** and **performance metrics** to identify model accuracy and misclassification patterns.

Aircraft Operations Management System

- Engineered a **Python simulation system** to process **15+** concurrent flight operations.
- Implemented gate assignment logic, achieving **90%** operational efficiency.
- Built a **Pandas dashboard** to track flight performance, delays, and operational results.

SKILLS

Programming: Python, Java, C++, SQL, JavaScript, HTML/CSS
Frameworks & Libraries: React, Pandas, Flask, PyTorch, scikit-learn
Databases & Tools: PostgreSQL, Neon, Power BI, Git, GitHub, VS Code, Eclipse
Microsoft Office: Excel, PowerPoint, Word