

# ALBERT LOH

Applied AI and Analytics Student

## CONTACT

- 📞 +65 9155 8994
- ✉️ albloh2@gmail.com
- 📍 Singapore
- 🌐 <https://portfolio.albloh2.dev>

## EDUCATION

2025 - 2028  
**NANYANG POLYTECHNIC**

- Diploma in Applied AI and Analytics

2021 - 2024  
**KENT RIDGE SECONDARY SCHOOL**

- GCE O-Level
- Computing

## SKILLS

- Full Stack Application Developer
- Web Technologies
- AI/ML
- Python
- HTML / CSS
- Javascript
- SQL

## ACHIEVEMENTS

- NYP Director List 2025
- DRCT Gold Award 2024
- IDE Participant 2023
- DRCT Bronze Award 2021

## PROFILE SUMMARY

Final-year Applied AI & Analytics student at Nanyang Polytechnic. Expert in Machine Learning, Data Wrangling, and MLOps. Proven ability to translate complex data into insights and teach Python logic to youth. Passionate about scaling AI solutions and optimizing data pipelines for real business impact.

## WORK EXPERIENCE

**DBS Bank (Consumer Banking Group)** 2027 - 2028  
Data Analyst Intern

- Utilized Tableau and SQL to transform raw marketing datasets into interactive dashboards, identifying a 15% drop-off point in the customer acquisition funnel that led to a targeted UI redesign and an 8% increase in successful applications.
- Automated weekly performance reporting by developing a Python-based data pipeline, reducing manual data cleaning time by 10 hours per week and ensuring 100% data consistency across departmental cross-functional teams.

**TechFoundry Youth** 2025 - 2028  
Python Programming Instructor (Part-Time)

- Leveraged Python expertise to mentor youth by translating complex programming logic into relatable analogies and interactive 'Live Debugging' sessions, resulting in a 90% course completion rate and a measurable increase in student autonomy when resolving syntax errors.
- Redesigned modular Python coding challenges for students aged 10-14 by integrating gamified logic puzzles, which increased average student engagement scores by 25% and successfully bridged the gap between visual blocks and text-based syntax.

## CERTIFICATIONS

- Python Certified Entry-Level Programmer (Python Institute) 2025
- AI Fluency Framework & Foundations (Anthropic) 2025
- Snowpro Associate (Snowpro) 2026
- Certified Cloud Practitioner (Amazon Web Services) 2026