

ALBERT LOH

Applied AI and Analytics Student

CONTACT

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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.

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

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.

ACHIEVEMENTS

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

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