

Nyan Lin Aung | nyanlinnaung.ps@gmail.com | nyanlinaung.com

OBJECTIVE

Aspiring Data Scientist with strong analytical and ethical values, passionate about transforming data into actionable insights through honesty, fairness, and collaboration. Experienced in building production-grade AWS applications and AI-driven solutions for social impact.

TECHNICAL SKILLS

- **Languages:** Python, Java, C#, SQL
- **Data & AI:** Scikit-learn, Gemini Vision Pro, Machine Learning, Statistical Analysis
- **Cloud & Web:** AWS (RDS, App Runner), FastAPI, MySQL, Streamlit, Bootstrap 5
- **Tools:** Git, VS Code, Jupyter Notebook, Tableau, Power BI

Projects

CS Placement Assessment Tool | Solo Developer | Bellevue College

- Independently architected a production-grade web application using **FastAPI** and **AWS App Runner**, integrating a **Scikit-learn** decision tree for AI study recommendations and **AWS RDS (MySQL)** for secure data persistence.

SkySAR (ThinkCity 2026 Winner: Community Impact Award) | Developer

- Won the Community Impact Award (ThinkCity Hackathon) for developing a proof-of-concept autonomous drone swarm simulation for forest search-and-rescue, building a working demo with a Python backend, Gemini Vision Pro integration, and a Streamlit dashboard for real-time visualization.

PROFESSIONAL EXPERIENCE

Woosong University, Daejeon, South Korea, Club Leader (Mar 2024 - Jun 2024)

- Led the Photography Club and designed a low-cost photo frame under time limits, attracting 15+ students and promoting the club at the exhibition.

INet IT Academy, Mandalay, Myanmar, On Job Training (July 2020 - Feb 2021)

- Designed and implemented user interface components for a real-world POS software application, focusing on usability and sales workflow.

EDUCATION

Bellevue College | Associate in Arts & Sciences (DTA) | Expected August 2026

Woosong University | AI & Big Data Coursework (GPA: 3.82) | June 2024

INet IT Academy | L5 HND in Computing (Software Engineering) | Jan 2021

AWARDS & HONORS

Excellent Award recipient ▪ Dean's Honor List honoree