NOAH KIM

626-246-6208 | noah.hw.kim@gmail.com | github.com/noah-hw-kim | in/noah-hw-kim

EDUCATION

California State University, Fullerton, USA | Master of Science, Computer Science — Aug 2024 - Dec 2026

Soongsil University, Seoul, South Korea | Bachelor in Economics, Economics — Mar 2015 - Aug 2021

EXPERIENCE

GREEN WAVE INGREDIENTS — Jan 2025 - May 2025
Analytics Engineering Intern, Data Science — Cerritos, CA
- Transformed 30K daily raw events in BigQuery using SQL and enhanced user sign-up funnel tracking with custom GTM JavaScript.
- Designed a scalable NoSQL (MongoDB) schema for a community feature, modeling 10+ core entities to ensure data integrity.
- Authored data pipeline flowcharts and SOPs, improving operational clarity for technical teams.
- Evaluated LLM-based chatbot solutions, presenting feasibility analysis on cost, development, and integration.

SAMSUNG VIA CEF — Aug 2021 - Aug 2022
Data Analyst, Risk Management — Ridgefield, NJ
- Automated 150+ daily refund reconciliations using a Python script to transform Citibank reports for SAP upload, boosting efficiency by 83%.
- Developed a Python script to process 50+ KPI datasets, reducing weekly task time by 75%.
- Audited 50+ KPI reports to identify repetitive issues and collaborated with the call center PM to resolve the issues.

KLOOK — Feb 2021 - May 2021
Data Analyst Intern, Digital Marketing — Seoul, South Korea
- Managed social media data in Excel, using Python for automation weekly.

KOREA CORPORATE GOVERNANCE SERVICE — Jun 2020 - Aug 2020
Data Analyst Intern, ESG Rating — Seoul, South Korea
- Automated web scraping for ESG reports, reducing manual work by 80%.

SELECTED PROJECTS

Smile Snap | *Python, FastAPI, MongoDB, Docker, Google Cloud Platform (GCP), Firebase Auth, WebSockets*
- Engineered a full-stack AI diary app with a Python/FastAPI backend, containerized with Docker and deployed on Google Cloud Run, integrating the Google Gemini API for content generation.
- Implemented secure JWT authentication with Firebase, Role-Based Access Control (user/admin), and built a real-time dashboard for instant data updates using WebSockets.

3D Object Localization on a Mobile Robot | *Python, ROS 2, OpenCV, YOLOv8, TF2*
- Engineered a 3D perception pipeline to locate objects with a depth camera, solving a critical coordinate frame mismatch by mathematically correcting camera calibration data in real-time.

Better Buy Comparer | *Java, Spring Boot, JavaScript, MongoDB, Swagger, Git*
- Developed a RESTful web app to compare and rank products by standardized unit cost, documenting API endpoints with Swagger. Engineered backend logic for unit conversions and used MongoDB to store user search history.

SKILLS

Programming Languages: Python, Java, JavaScript (Node.js), C/C++, SQL
Databases: MySQL, PostgreSQL, MongoDB, BigQuery
Frameworks & Libraries: FastAPI, Spring Boot, *Vercel,* YOLOv8, OpenCV, ROS 2, pandas, NumPy, Scikit-learn, JUnit
Developer Tools: Google Cloud Platform, Git, Docker, Linux/Ubuntu, Postman, Jupyter, VS Code