ALEXANDREA LOPEZ

Software Engineer

Broken Arrow, OK   (325)276-7387   alexandrea.ariel@gmail.com
www.linkedin.com/in/arielnkm369   https://github.com/NKN_Neko

Full-time Athlete Associate at Nike and a full-time software engineer student. Excelled at Customer Service, Hospitality, and Management. Geared to become an engineer who creates sparks of innovation and helps create the future of tech.

EDUCATION

Diploma in Computer Science and Software Engineering

Atlas School - Tulsa, OK   *05/2024 - 12/18/2025*

A peer and project-based 20-month software engineering school in Tulsa, Oklahoma. The curriculum began with the fundamentals of software engineering,

SKILLS

Languages: C, Bash, Python, C#, C++, MYSQL, SQL, JavaScript, HTML, CSS, Dockerfile, SHELL, Makefile, Assembly
Frameworks: AGILE, HackSprint, Flask, PyGame, NumPy, Pandas
Other: GitHub, Replit, Docker, Vercel, Railway

PROJECTS

DineMetra
Backend/API Engineer/Documentation   *11/13/2025 - 12/11/2025*

- Created and installed Python venv into the backend.
- Helped with API keys and created the load and connection files for ETL
- Created Pitch Deck for Demonstration day and looked through files for proper documentation

Assembly Libasm
Lead/Back-end programmer   *July 16-23, 2025*

- Wrote low-level routines in x86 and ARM Assembly to optimize performance-critical code paths and interface directly with hardware.
- Managed project myself for two weeks
- Integrated inline Assembly within C programs to fine-tune performance and access processor-specific instructions

Cyclospora Cyclospora
Media-Assets/Back-end programmer/Story lead   *December 8-13, 2024*

- Learned PyGame in the span of two weeks for this project
- Bug hunted to get game to run (and does)
- Collaborated to get MVP accomplished