

Luka Varazi

786-697-6806 | lukavarazi@gmail.com | Miami, FL
linkedin.com/in/luka-varazi | github.com/LukaVarazi | lukavarazi.github.io

Education

Florida International University, Honors College

B.S. Computer Science, Minor in Business

Miami, FL

Expected May 2027

GPA: 3.97 | Awards: Gold & Blue Scholarship, Dean's List x4

Technical Skills

Languages: Python, Java, C, JavaScript, SQL

Web: HTML, CSS, Bootstrap, Tailwind CSS, jQuery, Node.js, Express.js

AI & Data: Google ADK, Gemini APIs, PyTorch, Scikit-Learn, Pandas, NumPy, Jupyter, Matplotlib, Seaborn

Frameworks & Tools: Flask, Spring Boot, PostgreSQL, Postman, Git, GitHub, Linux CLI, VS Code, IntelliJ

Experience

AI Analyst — GS1 Georgia

Jun 2026-Present

- Evaluate AI approaches for product data validation and classification using real member-submitted data, comparing results to identify reliable and unreliable outputs.
- Test practical AI applications for verifying barcode registration data and supporting product data workflows, identifying where AI performs reliably and where human validation remains necessary.
- Lead AI workshops for management, explaining AI capabilities, limitations, and practical business applications to non-technical stakeholders.

Support Intensive Course Assistant — Florida International University

Aug 2026-Present

- Support undergraduate instruction in Data Structures and Algorithms through collaborative problem solving, technical guidance, and academic mentorship.
- Mentor students on algorithmic optimization, data abstractions, and computational complexity while providing study resources and group review sessions.
- Grade code submissions and provide feedback to reinforce algorithmic reasoning and course concepts.

Undergraduate Researcher — Cognac Lab

Sep 2026-Present

- Collaborate with a Ph.D. student on an AI system analyzing approximately 50,000 Twitter posts from 2022–2023 to identify narrative and story-related content.
- Develop methods to identify narratives and retrieve relevant Wikipedia pages representing entities and concepts referenced within each narrative.

Full-Stack Developer — RenArc Group

Jul 2025-Sep 2025

- Built and deployed a production website with 18 landing pages using HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS for a renovation and architecture company.
- Developed a Flask and Python backend supporting job applications, automated email notifications, and client inquiry processing through structured form workflows.

Projects

Library Management System — Software Engineering I

Jan 2026-Apr 2026

- Built a Spring Boot and PostgreSQL backend for book and author management, implementing ISBN lookup, author-based search, ratings, and user comments.
- Developed and tested REST endpoints, database interactions, searchable records, and average rating calculations using Java, Spring Boot, PostgreSQL, and Postman.

Morganizer — KnightHacks 2025

Oct 2025

- Built an AI-powered legal workflow assistant that parses unstructured client communications and classifies them into actionable tasks using Google ADK, A2A, and Gemini APIs.
- Designed a Flask backend for message ingestion, agent orchestration, and task routing, with structured human-in-the-loop validation and a real-time task dashboard.

SnapShell — ShellHacks 2025

Sep 2025

- Built an AI-powered Chrome extension that sorts, summarizes, and drafts email responses using Google ADK and Gemini 2.5 Flash.
- Implemented JavaScript client-side DOM interaction, event handling, and AI request workflows, integrating Python and Google APIs without backend infrastructure.