Connor Ragland

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EDUCATION

B.S. Computer Science, Minor: Mathematics, University of Florida   Aug 2022 — May 2026

- GPA 3.82/4.00

- Relevant Coursework: Data Structures and Algorithms, Introduction to Machine Learning, Operating Systems, Computer Architecture, Database Systems, Programming Languages, Computer Network Fundamentals, Natural Language Processing

WORK EXPERIENCE

Software Engineer Intern   May 2025 — Aug 2025
SKAIVISION   *Remote*

- Added **60+ vehicle parameters** across **250+ dealerships** by building an **API integration layer** in **Spring Boot** that normalizes responses from **3 external VIN providers**, improving targeting accuracy for automated trade-in outreach.

- Developed **REST APIs** and a **React dashboard** for **per-server monitoring** and customer usage analytics, implementing **trend detection** to identify declining engagement and enabling field ops to proactively address account health.

- Built **LangGraph AI agent** using **GPT-5** that generates, validates, and executes **MongoDB aggregation queries** from natural language, achieving **85% accuracy** and **80% adoption** among field ops, eliminating 20+ weekly Slack requests.

Full-Stack Software Engineer   Mar 2025 — Dec 2025
Florida Community Innovation   *Gainesville, FL*

- Cut manual data entry by **88%** and generated **1,000+ resources** for Florida Resource Map by designing and implementing a multi-stage **LangGraph AI agent** with **GPT-5**, **web scraping**, and **automated validation** while leading **5-person engineering team**.

PROJECTS

Full-Stack Engineer, CaseFlow   Jan 2026

- Architected and built **TypeScript AI agent** at hackathon that automates personal injury case evaluation by distilling **30-60min call transcripts** into key facts, involved parties, and their interactions, integrating **CourtListener API** to find relevant case law and applicable statutes, and generating **structured reports** for attorney review.

- Developed **Node.js REST API** backend to orchestrate transcript processing workflow, serving audio transcripts to the agent and persisting extracted case data and legal research findings to **MongoDB**.

Full-Stack Engineer, UF Study Spot Finder (ufstudy.com)   Dec 2025 — Jan 2026

- Reduced study space search time from **25 minutes to 5 minutes** for **100+ weekly users** by building a **Go ETL pipeline** that processes **4,600+ courses** and **35,000+ meetings** from **4 UF APIs**, integrating **real-time library occupancy** data and aggregating semester availability for **850+ rooms** into **Supabase**.

- Built full-stack application with **Go/Gin REST API** backend and **Next.js/TypeScript** frontend, visualizing live library occupancy and classroom availability on interactive **Mapbox map** with location pins and **real-time status indicators**.

Full-Stack Engineer, PodCite (github.com/raglandconnor/podcite)   Sep 2025 — Oct 2025

- Developed **FastAPI backend** and **Next.js frontend** for podcast fact-checking, integrating **Whisper API** for audio transcription, **RSS feed parsing** for episode ingestion, and multi-source research APIs (**Brave Search, arXiv, Congress.gov**) for claim verification.

- Built **LangGraph AI workflow** with **grok-4-fast** that analyzes transcripts to detect factual claims, orchestrates **parallel source queries** for verification, and generates **timestamp-linked citations** with confidence scores.

SKILLS

Programming Languages	Python, Go, TypeScript, Java, C++
Frameworks & Libraries	FastAPI, Spring Boot, Node.js, React, Next.js, LangGraph, Gin, Tailwind CSS
Databases & Tools	MongoDB, PostgreSQL (Supabase), Git, Vercel, Render, JUnit, Go testing, Cursor