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*

- Built Java middleware tracking customer behavior across 10+ microservices, reducing manual data analysis time by 42% through automated trend detection.
- Improved server offline detection accuracy by 33% and cut false positive alerts by 58% by refactoring monitoring logic across 250+ distributed servers, saving ops team around 5 hours/week in unnecessary troubleshooting.
- Created React dashboard with live system monitoring and customer engagement metrics, giving 5 internal teams access to real-time performance data without manual database queries.
- Reduced non-technical teams' data analysis time by 73% by building a LangGraph AI agent that converts natural language questions into MongoDB queries, eliminating 20+ weekly Slack requests to engineering teams.

Full-Stack Software Engineer — Jul 2024 — Dec 2025
Florida Community Innovation — *Gainesville, FL*

- Cut manual data entry by 88% and generated 1,000+ resources for the Florida Resource Map by building a Python-based AI agent using web scraping, LangChain, and GPT-5 to curate community resources.
- Led a team of 5 engineers over 6 months, shipping 20 features across 5 sprints by conducting code reviews and coordinating frontend, backend, and AI team integration.
- Reduced API response time by 38% by designing and implementing REST endpoints with MongoDB aggregation pipelines for resource queries.

PROJECTS

Full-Stack Engineer, UF Study Spot Finder (uf-study-room-finder.vercel.app) — Dec 2025 — Jan 2026

- Cut study space search time from 25 minutes to under 5 minutes for 100+ daily users by building a Go ETL pipeline that pulls course schedules and availability data from 3 university APIs, processes 5,000+ courses per semester into normalized format, and loads into Supabase.
- Eliminated wasted trips to full spaces by building a Go/Gin REST API that serves live availability data for 200+ classrooms and study spaces, letting students check open rooms before heading to campus.

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

- Built full-stack podcast fact-checking platform that cut claim research time from 10 minutes to under 30 seconds per episode by parsing RSS feeds, transcribing audio, and auto-sourcing claims with URLs.
- Reduced false information exposure by 75% through a LangGraph AI workflow using grok-4-fast to verify claims against Brave Search, arXiv, and Congress.gov, flagging unsupported statements with timestamp-synced citations.

SKILLS

Programming Languages	Python (Proficient), TypeScript (Proficient), C++ (Proficient), Go (Proficient)
Technologies	Gin, Node.js, FastAPI, React, Next.js, Tailwind CSS, Spring Boot, Git, Cursor