

CONNOR RAGLAND

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EDUCATION

University of Florida

Gainesville, FL

Bachelor of Science in Computer Science, Bachelor of Arts in Mathematics

Expected Graduation, May 2026

GPA: 3.79/4.0

Relevant Coursework: Data Structures and Algorithms, Machine Architecture and Assembly Programming, Computing in Python, Object-Oriented Programming, Computational Linear Algebra, Differential Equations, Set Theory and Propositional Logic

Organizations: UF Association for Computing Machinery

EXPERIENCE

Headstarter AI

Remote

Software Engineer Fellow

Jul 2024 – Present

- Participate in a group/project based intensive learning program for web development and artificial intelligence
- Lead front-end development and assisted with backend for two hackathons, one of which resulted in our team becoming finalists for our project called Zeal: a service that uses AI to automatically detect complaints in customer service requests
- Used Next.js, Node.js, Firebase, MongoDB, OpenAI, Pinecone, LangChain, and other technologies to create AI based projects

Florida Community Innovation

Gainesville, FL

Software Engineer Intern

Jul 2024 – Present

- Upcoming project lead for Recyclepedia, an app that aims to inform Miami-Dade county about how to properly recycle
- Working on the ClimaGo Project, a mobile application that will help Miami reach its 1 million trees planted by engaging the community with a mobile game
- Collaborated with my team to write grants to secure funding from the Florida Department of Agriculture and Consumer Services

PROJECTS

Zeal: Complaint Detection Service | Next.js, React, Tailwind CSS, OpenAI, Pinecone, LangChain, Git

Aug 2024

- Lead front-end development for a hackathon with three teammates
- Used Tailwind CSS and the Shadcn UI library to create a clean and accessible user interface
- Utilized OpenAI API to create a multi-modal agent for text, image, and audio analysis
- Achieved finalist status, being recognized for Zeal's user experience and the functional multi-modal agent

Reticketer: Web app for selling local event tickets | Next.js, React, Tailwind CSS, Git

Jul 2024

- Acted as team lead/front-end developer, managing project development and creating the user interface
- Worked in a team of four, often organizing calls and managing tasks for my team
- Designed and implemented the navbar, contact, login, create listing, and search pages
- Reached over 80 visitors with 300 page views in under 24 hours

Minesweeper | C++, SFML, Git

Nov 2023 – Dec 2023

- Utilized the SFML library to create an interactive user interface, emulating the original game experience
- Applied object-oriented programming principles to write modular code

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, Python, HTML, CSS

Frameworks: Next.js, React, Tailwind CSS, Node.js, Express.js

Libraries: OpenAI API, Mongoose.js

Databases: MongoDB, Firebase

Developer Tools: Git, VS Code, CLion, PyCharm, NPM, Vite, Figma, Postman, MacOS, Windows

Concepts: Application Programming Interface (API), Responsive Web Design, Accessible Design, Software Development Lifecycle (SDLC), Front-End Development, Back-End Development, Full-Stack Development