

CONNOR RAGLAND

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EDUCATION

University of Florida

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

Gainesville, FL

Aug. 2022 – May 2026

GPA: 3.77

Relevant Coursework: Data Structures and Algorithms, Computer Organization, Programming Fundamentals I, Programming Fundamentals II, Computational Linear Algebra, Differential Equations

Organizations: UF Association for Computing Machinery, Gator User Design

EXPERIENCE

Software Engineer Fellow

Headstarter AI

Jul '24 – Present

Remote

- Participate in a group/project based intensive learning program for web development and artificial intelligence
- Lead front-end developer for a weekend hackathon, creating Reticketer with three others
- Learned about technologies/concepts such as Next.js, React.js, Firebase, OpenAI, GCP, CI/CD

Software Engineer Intern

Florida Community Innovation

Jul '24 – Present

Gainesville, FL

- 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 to write grants to secure funding from the Florida Department of Agriculture and Consumer Services

PROJECTS

Personal Website | React, Tailwind CSS, JavaScript, React-router, HTML, Vite, Git

Jun '24 - Present

- Developed a responsive personal website using React, incorporating React-router for seamless single-page routing
- Utilized Tailwind CSS to create a visually appealing, mobile-responsive user interface
- Deployed the website on Vercel and configured a custom domain to enhance accessibility

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

Jul '24

- Lead front-end developer for Reticketer, a project created for week one Headstarter Fellowship Hackathon
- 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 page
- Reached over 80 visitors with 300 page views in under 24 hours

Journal App | React, TypeScript, Node.js, Express.js, MongoDB, Mongoose.js, Tailwind CSS, Git

Jun '24 - Jul '24

- Developed a full-stack journal application with user authentication and secure data handling, using MongoDB, Express.js, React, and Node.js
- Designed and optimized the database schema with MongoDB and Mongoose for efficient data storage
- Engineered and deployed an API supporting full CRUD operations, enhancing front-end and back-end synchronization
- Styled the application using Tailwind CSS, creating a visually appealing, mobile-responsive user interface
- Applied web accessibility best practices to provide an inclusive user experience
- Conducted comprehensive testing and debugging to ensure stability and performance

Minesweeper | C++, SFML, Git

Nov '23 – Dec '23

- Utilized SFML to create an interactive user interface, emulating the original game experience
- Applied object-oriented programming principles to design a maintainable and reusable codebase

TECHNICAL SKILLS

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

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

Libraries: Mongoose.js, OpenAI, Jasmine

Databases/Cloud Platforms: MongoDB, Firebase, Google Cloud Platform

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

Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms, Application Programming Interface (API), Responsive Web Design, Accessible Design, Software Development Lifecycle (SDLC), Front-End Development, Back-End Development, CI/CD