

Alina Garib

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EDUCATION

University of Florida

Bachelor of Science in Computer Science, Minor in Chinese Lang & Lit, GPA: 3.75

Gainesville, FL

Aug. 2022 – Dec. 2026

EXPERIENCE

Intro to SWE Teaching Assistant

August 2025 – Present

University of Florida | Mentorship, Organization, Full-Stack Development

Gainesville, FL

- Guiding students to build full-stack web applications, teaching principles of web dev and software engineering
- Leading discussion sections, helping students learn REST API principles, agile, testing methods, git, etc.
- Grading assignments providing meaningful feedback, and made myself available to my students as a mentor

Back-end Software Engineering Intern

May 2025 – August 2025

Chick-fil-A Inc. | Java, SpringBoot, MapStruct, AWS

Atlanta, GA

- Automated invoice process for merchandise with a Java/Spring application, saving 6 hours of accounting monthly
- Developed/scheduled an ECS task with support for manual execution and automated EventBridge cron triggers
- Communicated with the business to address needs and translated to software, increasing accounting efficiency

Front-end Software Engineering Intern

February 2025 - Present

Satlantis US | Typescript, Vite, React, Figma, TailwindCSS

Gainesville, FL

- Developed a web business dashboard to visualize satellite image processing data to increase QA efficiency, reducing total processing time from acquisition to QA completion for each window from 2 weeks to 48 hours
- Designed various responsive, UX friendly front-end tools supporting the needs of engineering and business teams.

Software Team Program Manager

August 2024 – Present

Real World Engineering Club at UF | Agile, Leadership, Communication

Gainesville, FL

- Coordinating club efforts such as team-building, setting goals, maintaining participation, growth, and recruitment
- Managing collaboration through Git, Jira, and Confluence on projects for organization and active communication
- Organized work on a full-stack development project using MERN stack and RESTful API for scalable functionality

PROJECTS

Alina's World Wide Web | Jekyll, GitHub Pages, AWS, DynamoDB, HTML/CSS

August 2025 – Present

- Created and deployed an API with FastAPI on Lambda to solve WikiRace and track my Spotify statistics
- Built and styled a personal website with a responsive, custom UI to showcase projects and integrate my APIs
- Designed and deployed a Spotify data ingestor connected to DynamoDB for my own data persistence and retrieval

Mentor Mentee Matching App | React, Express.js, MongoDB, Node.js, AWS

August 2024 – May 2025

- Created an application with React native to help clubs optimize the mentors to mentee matching process
- Implemented a variation of the Gale-Shapely matching algorithm to assign mentors to mentees via Lambda
- Led and organized my team through agile scrum and collaborative sprints to effectively reach our end goal

HiveMind | JavaScript, React, Express.js, Supabase

August 2024 – December 2024

- Built a collaborative web application for students to share and organize study material using Supabase
- Designed database schemas and utilized a REST API system to handle user profile and post information
- Implemented post voting system and conditional rendering requiring participation and quality of information

CORE Trip Schedule Generator | Python, Flask, React, SQLite, Pandas

January 2024 – June 2024

- Developed a full-stack web application using with Flask and React, creating a user-friendly schedule UI
- Collaborated using GitHub and VSCode, enhancing team productivity and code quality

TECHNICAL SKILLS & RELEVANT COURSEWORK ETC.

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

Frameworks and Libraries: React, Node.js, FastAPI, MongoDB, Vite, TailwindCSS, SpringBoot, MapStruct

Developer Tools: GitHub, VSCode, Visual Studio, PyCharm, CLion, GitLab, IntelleJ, AWS, Postgresql

Coursework: Data Structures and Algorithms, Intro to Software Development, Programming 1&2, Intro to Computational Organization, Operating Systems, Discrete Mathematics, Calculus 1, 2, & 3, Algorithm Abstraction

Interests: Running, Games, Time outdoors, Learning, TV, Reading, Travel, Volleyball, Music, Piano, Fashion