Alina Garib

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EDUCATION

University of Florida — Gainesville, FL
Bachelor of Science in Computer Science, Minor in Chinese Lang & Lit, GPA: 3.75 — *Aug. 2022 – Dec. 2026*

EXPERIENCE

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.

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

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 to for students to share and organize study material using React
- Designed database schemas and utilized a REST API system to handle user profile and post information
- Implemented post voting system and conditional rendering enforcing 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++, 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