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

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 architecture models, agile, authentication 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 montly
- Stood up ECS task for automatic and manual triggering, and other resources such as GHA and CloudFormation
- 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, Next.js, React, Figma, TailwindCSS*   *Gainesville, FL*
- Developing a web business dashboard to visualize satellite image processing data to increase QA efficiency
- Collaborating in an agile scrum environment, participating in sprint planning and retrospectives for best results
- Designing a responsive and user-friendly UI while aligning needs of the 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/API Gateway to solve WikiRace and track my Spotify
- Built and styled a personal website with a responsive, custom UI to showcase projects and integrate my APIs

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 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 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 as the front-end for a responsive UI
- Collaborated using GitHub and VSCode, enhancing team productivity and code quality
- Processed and displayed Excel data using Pandas data frames and SQL tables, applying schedule algorithms

TECHNICAL SKILLS & RELEVANT COURSEWORK ETC.

Languages: C/C++, Python, JavaScript, TypeScript, CSS/HTML, Java
Frameworks and Libraries: React, Node.js, Flask, Express.js, MongoDB, Next.js, MUI, 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, Hiking , Camping, Travel, Volleyball, Pickleball, Fashion, Baking