Madeline Savoiu

📞 (669) 285-8778 ✉ savoiumadeline@gmail.com in/savoiu 🌐 savoiu.dev

EDUCATION

California State University, Fullerton   Expected May 2027
Computer Science, B.S.   *GPA: 3.94*
- **Relevant Coursework**: Data Structures and Algorithms, Software Engineering, Object-Oriented Programming, File Structures and Database Systems, Artificial Intelligence, Operating Systems, Cybersecurity Fundamentals
- **Honors and Awards**: STEM Advantage Scholar, Dean's List

SKILLS

Languages: Python, JavaScript/TypeScript, Java, C/C++, SQL, HTML/CSS
Technologies/Frameworks: Node.js, Next.js, React/React Native, Express.js, PostgreSQL, Prisma, MySQL, Flask, OpenCV
Developer Tools: Git/GitHub, AWS, GCP, Firebase, Vercel, Postman, Figma
Other: Full-stack development, software testing, relational databases, data modeling, REST API development, authentication/authorization (JWT), Agile development, technical documentation

EXPERIENCE

Ingram Micro   June 2025 – July 2025
Technology Intern   *Irvine, CA*
- Collaborated with engineering and product managers to analyze customer trends and identify key pain points in the XVantage platform
- Proposed software enhancements that simplified e-commerce migration for long-time partners transitioning from sales-rep workflows
- Designed and presented Figma wireframes for 3 new features, providing product teams with prototypes for development planning
- Delivered a live software demo of a smart sales system projected to boost quote-to-order conversion rates
- Partnered with the quoting team's senior product leader to finalize specifications for production deployment

PROJECTS

Thirsty | ○ *github.com/msavoiu/thirsty*   Aug. – Nov. 2025
- Developed a full-stack web app with **Next.js, React, TypeScript** and deployed through **Vercel** CI/CD pipelines
- Integrated **Google Maps API** to help users discover and log public drinking water stations worldwide, promoting sustainability and reducing waste from single-use plastic bottles
- Leveraged **Amazon S3** for image storage and built secure dashboards with **JWT** authentication, enabling users to track logged stations and bottles saved

Paper Trail | ○ *github.com/msavoiu/papertrail*   Oct. 2025
- Built a **React Native** mobile app with **Firebase** for Cal Hacks 2025 that helps homeless individuals digitize and request replacements for important personal documents
- Built and integrated a stateful AI agent with **Letta**, which assists users with the document replacement process using web searching capabilities and knowledge of the user's current documents

SLAYCE | ○ *github.com/msavoiu/fullyhacks-2025*   April 2025
- Collaborated with a team of four to build a computer vision posture detection app **Python** that won **First Place – Best Use of Cerebras AI** at Cal State Fullerton's annual hackathon
- Integrated **OpenCV** and **Google MediaPipe** to track body landmarks, calibrate posture baselines, and detect deviation from thresholds in real time

LEADERSHIP

Marketing Officer — ACM CSUF   Jan. 2025 – Present
- Lead digital marketing initiatives to promote technical workshops, networking/speaker events, and hackathons to a community of over **2,300** computer science students

Treasurer — CSUF Offensive Security Society   Aug. 2024 – May 2025
- Managed **$2,000+** annual budget, ensuring proper allocation of resources towards workshop materials and training resources for club members competing in collegiate cybersecurity competitions