Adora Lin

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EDUCATION

University of Florida   Gainesville, FL
Bachelor of Science in Computer Science, Minor in Digital Arts and Sciences   *Aug 2024 - May 2028*
- **GPA:** 3.80/4.00
- **Relevant Coursework:** Data Structures & Algorithms, Information and Database Systems I, Intro to Software Engineering, Computer Organization, Discrete Structures, Programming Fundamentals I & II

EXPERIENCE

Full-Stack Developer   Aug. 2025 – Present
The Agency at UF
- Engineered interactive components for the UF College of Engineering Legacy website to catalog 100+ events.
- Translated complex design wireframes into scalable web pages using JavaScript and Tailwind CSS, improving site navigation and technical documentation for future clients.

Undergraduate Researcher   Jan. 2026 – Present
University of Florida Department of Digital Arts and Sciences
- Managed large-scale dance motion datasets and translated them into Unity-based 3D simulations to give credit to original dance creators and acknowledge the cultural origins of the dances.

Website Committee Intern   Aug. 2025 – Present
WiNGHacks
- Collaborated on the frontend redevelopment of the 2025 WiNGHacks website, revamping the design around the "Under the C" theme with modern, ocean inspired visuals and an improved UI component system for sponsor grids, timelines, and event pages.

AWARDS

SipSafe | *React.js, Expo Go, Node.js, MongoDB, Gemini Vision API, ElevenLabs TTS*   Feb. 2026
- Developed a full-stack AI safety platform using the Gemini Vision API to analyze drink environments for potential contaminants, winning "Best Use of DigitalOcean" at WiNGHacks 2026.
- Contributed to a backend using Node.js and MongoDB to manage user safety logs, integrating ElevenLabs TTS to provide immediate audio alerts for potential risk detections.

PROJECTS

DoppleGator - Trait Matching System | *C++, STL, Algorithms, OOP*   Oct. 2025 – Nov. 2025
- Collaborated on a high-performance matching engine analyzing 10,000+ profiles with 98% accuracy using weighted graph edges and custom sorting algorithms.

BiteBack – Rewards Program System | *JavaScript, API Integration*   Jan 2026
- Developed a scalable rewards platform for 8+ local businesses, implementing logic for secure point system and rewards redemption.

LEADERSHIP

Co-Founder   Jan. 2026 – Present
RevDish – Marketing for Small Restaurants
- Developed technical redesigns for local business websites, managing client-facing requirements and ensuring prompt delivery on project timelines.

TECHNICAL SKILLS

Languages: SQL (MariaDB/MySQL), Python, C/C++, JavaScript, HTML/CSS, RISC-V Assembly
Databases & Frameworks: MariaDB, SQLAlchemy, React.js, Flask, Node.js, Tailwind CSS, Auth0
Developer Tools: Git, GitHub, VS Code, CLion, PyCharm, Unity, Expo Go
Technical Concepts: Object-Oriented Programming, Data Structures & Algorithms, API Integration, Risk Mitigation, Database Management, Full-Stack Development