Ada He

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Education

University of California, San Diego   Aug 2022 - Jun 2026

B.S. Cognitive Science (Specialization in Machine Learning & Neural Comp), Minor in Computer Science
- GPA: 3.8, Provost Honors (x7); Awards: Ernest C. Mort Leadership Excellence Award
- Relevant courses: Data Structures and Algorithms I, II, Software Engineering Projects, Recommender Systems, Systems Programming, Applied Data Science, Supervised ML, Deep Learning

Technical skills: Python, JavaScript/Typescript, HTML, CSS, React.js, Figma, Git Version Control, Github, Agile Process and Tools (JIRA, Confluence)

Relevant Experience

Infosys Limited (Bengaluru, Karnataka, India)   Jun 2025 - Aug 2025

Software Engineering Intern - InStep Global Internship
- Migrated high-visibility proof of concept of LLM-based code modernizer tool from static Streamlit template to HTML/CSS/JS frontend, integrated with Python backend using FlaskAPI
- Iteratively designed Figma prototypes for the code modernizer tool's upload and results output screens, communicating designs to a team of 6 technical stakeholders
- Refined backend LLM prompts for code modernizer using GPT prompt-engineering techniques

UCSD Library Technology & Digital Experience Team (La Jolla, CA)   Oct 2023 - Present

User Experience Designer / Inclusive Web Development Intern
- Generated prototypes on Figma to redesign a 24/7 Chat with a Librarian feature deployed to all 20k+ UCSD Library users; served as product manager for team of 3, defining design-to-dev procedure
- Guided end-to-end development of 4 web projects (new search filters, digital archive redesign, space availability signage, endowments webpages) accessed by 5k+ users annually, using Agile methods
- Raised web accessibility scores above industry standard by adding alt text and debugging HTML in the library's Content Management System, winning department UCSD's Inclusive Excellence Award

UCSD Association for Computing Machinery - ACM (La Jolla, CA)   Jan 2023 - May 2025

Frontend Web Developer
- Made UI improvements (examples: dark mode, add events to calendar button) for website of student organization that hosts tech-education events for 3k campus affiliates, using JavaScript and React.js
- Implemented search bar feature allowing 70+ ACM staff members to search API of past events
- Developed 2 webpages (About page, Merch Collections page) for redesign of website's membership portal, logging interactions from 1k registered members

Projects

Denteel | *Technologies: Next.js, Chakra UI, Github, Figma, Arduino IoT*
- Sponsor prize winner, best use of Arduino IoT Cloud, *TreeHacks 2023*; selected out of 293 teams
- Designed and coded Next.js/Typescript landing page and session summary page for a full stack web app allowing dentists to receive patient discomfort levels from a Arduino remote with team of 3

Asteria | *Technologies: FastAPI, React, Tailwind CSS, Crew AI*
- Second prize winner, *BizHacks 2025* (Infosys internal hackathon and business case competition); top 6 out of 33 teams invited to present product before judging panel to compete for podium
- Developed agentic AI application that automates marketing campaigns from start to finish with 2 teammates; coded orchestration agent within agent swarm, linking it to React frontend with FastAPI