

# Reagan Hsu

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## EDUCATION

University of California, San Diego | La Jolla, CA

B.S. in Computer Science | GPA: 4.00/4.00

EXPECTED GRADUATION: 12/26

## RELEVANT EXPERIENCE

Growth Engineer | Browser Use (YC W25) | San Francisco, CA

Sep. 2025 - Present

- Shipping a Browser Use-centered product daily as part of a 100 products in 100 days initiative
- Working directly with customers to identify and resolve frontend friction points

Front End Lead | NetSerpent | La Jolla, CA

Mar. 2025 - Sep. 2025

- Lead front-end web and desktop app development using React Native Web with **Expo** and **Tauri**
- Mentor junior devs and use Linear to track code-quality KPIs and feature delivery timelines

Cancer Researcher | UCSD Ongkeko Lab | La Jolla, CA

Oct. 2024 - Present

- Training a multi-modality imaging deep learning model for HNSCC prognosis using **TensorFlow**
- Developed an **automated data processing pipeline** in Python for patient-matching using SciKit Learn

AI/ML Researcher | Algoverse | La Jolla, CA

Mar. 2025 - Present

- Developing LLM **benchmarking** techniques based on the GAIA framework with stepwise evaluations
- Developing **jailbreaking** techniques using task decomposition and encryption in multi-agent systems

Tech Fellow | Codepath | San Diego, CA

May 2025-Jul. 2025

- Mentored >100 students for the **TIP102 - Advanced Technical Interview Prep** course

Research Intern | UC Irvine Enciso Lab | Irvine, CA

Jun. 2023 - Nov. 2023

- Researched anomalous ultrasensitive composite reactions in cell signaling
- Authored **MATLAB** algorithm for reaction simulation; presented work at PMBMC 2023 & SCCUR 2023

## PROJECTS

BetterWeb | 1st Place Overall and Best Use of Web Agents @ Dedalus Labs (YC S25) x YC Agents Hackathon Aug. 2025

- Built a web extension that **rewrites websites** for **improved accessibility** and **customization** in real time
- Analyzed HTML, CSS, screenshots, and **Browser Use agent data** to detect and fix accessibility failures affecting **95%+ of top 1M websites**, using a **Convex** real-time database for quick website transformation
- Created a **custom HTML parsing algorithm** to queue elements by priority to allow for quick LLM inference

[FinHog](#) | 2nd Place Best Financial Visualization Agent and Best Use of Claude @ HackMIT

Sep. 2025

- An agent-driven analytics platform that automatically generates and adapts visualizations for transaction data

[CiteTrace](#) | 1st Place Overall @ Intel x ACM SCU Hackathon | *d3-force, Supabase, Expo, Flask, Hugging Face*

May 2025

- An app that relationally consolidates research to allow for smooth visualizations of research articles

[SFGovTV++](#) | 3rd Place @ SF10X Hackathon | *FastAPI, pgvector, React, LangChain, PostgreSQL*

August 2025

- A website that makes civic engagement in SF as easy as a Google search instead of inaccessible, lengthy videos

## LEADERSHIP AND ACTIVITIES

Claude Campus Ambassador | Anthropic | La Jolla, CA

Jul. 2025 - Present

- Create and **edit** videos for social media, and **lead** Claude builder workshops and social events
- Connect and **collaborate** with external companies and clubs to host **hackathons**

Projects Director | Association for Computing Machinery | La Jolla, CA

Jun. 2025 - Present

- Manage Hack, Design, and AI project teams, produce tech tutorials, and orchestrate showcases of student projects

AI Project Team Co-Mentor | Association for Computing Machinery | La Jolla, CA

Jan. 2025 - May 2025

- Led a team of 6 programmers in predicting the winners of the NCAA men's volleyball season

## TECHNICAL SKILLS

**Programming Languages:** Typescript, Javascript, Python, Java, C, C++, MATLAB

**Libraries/Frameworks:** React Native, TensorFlow, LangChain, SciKit Learn, pandas, Docker, Flask, FastAPI, Expo, Supabase