

Henry Wang

(408) 386-5573 | contact@henrywa.ng | henr.ee | github.com/braindead-dev | linkedin.com/in/henry00c

EDUCATION

UC Riverside

Bachelor of Science in Computer Science

Riverside, CA

Expected June 2027

- **GPA: 3.96/4.0**; Data Structures & Algorithms, Discrete Structures, Multivariate Calculus, Linear Algebra

Homestead High School • Cupertino, CA

Aug 2020 – Jun 2024

- AP Calculus BC (5), AP Computer Science A (5), AP Statistics (4), Varsity Wrestling, Volunteer Tutor

EXPERIENCE

BearBytes CTO

Feb 2025 – Present

- Technical Chair at [BearBytes.fyi](https://bearbytes.fyi), a UCR student-run dorm delivery platform valued at **over \$300K**
- Led full-stack overhaul: designed and deployed UI/UX, refactored backend, and streamlined infrastructure
- **Acquired by UC Riverside** to implement an official dorm delivery platform for the university

Founding Backend Engineer

San Francisco, CA

twocents.money (\$3M pre-seed, joined pre-funding)

Jun 2025 – Sep 2025

- Built the CI/CD pipeline with auto-updating backend docs via Claude on GitHub Actions for AWS Lambda
- Implemented automated content moderation and optimized APN token handling for push notifications
- Rapidly resolved critical blocking backend bugs and refactored core scripts to improve stability

Research Assistant

Riverside, CA

Ballard Lab, UC Riverside

May 2025 – Present

- Episodic memory research; analyzing memory retention fluctuations across real-world context boundaries
- Implementing research methodology, including data collection, validation, and experimental formulation

Projects Director (board) and Developer

Riverside, CA

ACM@UCR Club

April 2025 – Present

- Advancing projects for **500+ members**; Developed [SWE AI Agent \(ACM DAS\)](#) and [ACM Spark websites](#)

PROJECTS

[DonkeySpotter](#) | *Swift, Node.js, Express.js, Firebase*

Jan 2025 – Present

- Created an iOS app that displays a real-time map of donkeys at UCR based on user-submitted reports
- Features user profiles, achievements, and an [AI mascot](#) for troubleshooting and community engagement
- Sustains **250+ active users**, garnered **50,000+ views** on the launch post via Reddit, actively maintained and updated based on user feedback, and **front page** in *The Highlander*, UCR's student newspaper

[Notes.Henr.ee](#) | *Next.js, Tailwind, OAuth, MongoDB*

Sep 2024 – Feb 2025

- Created a free, secure, and [open-source](#) markdown pastebin, hosting **1,000+ pastes** and counting
- Implemented **full stack data encryption** and an **admin dashboard** featuring data analytics, data visualization, and content management, gaining experience in backend management and data security

SKILLS

Programming Languages: C++, Python, TypeScript, JavaScript, Java, Swift, Bash, HTML/CSS

Frameworks & Libs: Next.js, React, Node.js, Express.js, Firebase, Tailwind, OpenCV, MongoDB, Postgres

Technologies: AWS S3, Cloudflare R2 and Workers, GitHub Actions, Vercel, AWS Lambda, Discord.js

Concepts: Frontend, Backend, Context Engineering (LLMs), Cognitive Science, Software Engineering