

Hanzhang Luo

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EDUCATION

University of California - Santa Cruz

September 2022 - June 2025

B.S. Computer Science | B.S. Electrical Engineering | GPA: 3.91 | Deans Honors | Junior Standing

- **Relevant Coursework:** Discrete Math, Probability Theory, Computer Systems and Assembly, Linear Algebra, Vector Calculus

Cupertino High School

August 2018 - June 2022

Diploma | GPA: 4.0+ | 11 AP Courses | 3 Honor Courses

SKILLS

Technical: JavaScript, Python, C++, Java, JavaScript, Node.js, Electron, HTML, CSS, Android, R

Areas: Machine Learning, Deep Learning, Databases, Web Applications, Mobile Development, UI / UX

Tools: Git, LaTeX, Microsoft Office, Figma, AutoCAD, Cura

Languages: Chinese, Spanish, Japanese

WORK EXPERIENCES

FOUNDER @ Vigama

May 2022 - Present

- Developing a SaaS product to incorporate gamification and social elements into productivity through an AI-powered web application
- Organized meetings and developed a company wiki for a development and design team of five
- Facilitated project management through Notion and ClickUp with the agile framework

FOUNDER AND LEAD TUTOR @ TutorTee

September 2019 - June 2022

- Inquired, marketed, and grew tutoring business to 20+ students in mathematics, computer science, and academic olympiad tutoring
- Onboarded 3 tutors to develop and manage course curriculum and session logistics

FRONT-END INTERN @ Gradder

June 2020 - September 2020

- Collaborated with a team of 12 to develop an AI Education Management Platform for the Eastern European Market
- Wrote Unit Tests and facilitated QA checks to ensure the quality of software
- Reached 100+ schools in preliminary product MVP pitch

PROJECTS

MINDFUL AI

Python, Neural Networks, React, Natural Language Processing

- Developed multiple neural networks to analyze subtle microaggressions in everyday conversations and speech
- Generated real-time suggestions from text message analysis to provide users with feedback on improving texting habits
- Designed and implemented front-end through React and Figma

STOCK DAY TRADER

Python, Machine Learning, Web Scraping

- Utilized research to develop a novel machine-learning algorithm that detects public sentiment for fundamental stock analysis
- Scraped, cleansed, and created training datasets in python through Reddit and Twitter with a web scraping script

GARAGE SALE

Java, Android, Data, HTML & CSS

- Developed an android app that simplifies the selling process by identifying items with object detection, finding the optimal price and quality of the item, and allowing you to place it on the market with a simple click.
- Lead the landing page development and utilized modern web development frameworks (bootstrap, jQuery)

AWARDS & CERTIFICATIONS

AIME Qualifier, (Mathematical Association of America, 2021) AP Scholar Distinction (2x), (College Board, 2021-2022)

First Place Social Good Award, (Digitized Hackathon, 2019) First Place Award, (Code Day Bay Area, 2019)

Deep Learning Specialization, deeplearning.ai (Coursera, 2023) Clickup Novice Certificate (ClickUp, 2023)

MERN Stack, Full stack React, Redux, Node.js (Udemy, 2021)