

Maxwell Huang

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EDUCATION

Carnegie Mellon University

B.S. in Information Systems and Computer Science

Pittsburgh, PA

August 2024 - May 2028

- Relevant Coursework: Discrete Math, Object Oriented Programming, Data Structure and Algorithms, Data Reasoning, Linear Algebra

Monte Vista High School

High School Diploma

Danville, CA

August 2020 - May 2024

- GPA 4.45/4.00

PROFESSIONAL/ACADEMIC EXPERIENCE

Carnegie Mellon University: School of Computer Science

Research Intern

Pittsburgh, PA

January 2025 -

- Working with PhD. Student Venkat Sivaraman
- Developing a reusable, general-purpose Python package for manipulating time-series data aimed at improving healthcare efficiency.

LearnSuite AI

Software Developer

Danville, CA

October 2024 -

- Part-time full-stack developer using Svelte/Typescript (Frontend), Django/Python (Backend/API), PostgreSQL/Docker, and GCP
- Feature development for student management, student/teacher portal, AI Agents for scheduling with CrewAI

Caltech - Hacktech: Interdisciplinary Hackathon

Project Member

Pasadena, CA

Mar 3-5 2023

- Developed a mobile app designed to improve sustainability on college campuses through carpooling
- Worked on ideation and mobile UI development with 3 other hackers.
- Won a \$1000 prize for “Most Likely to Become a Business” sponsored by 1517 Fund

Santa Clara University

Research Intern

Santa Clara, CA

Jun 2022 - Aug 2022

- Worked on a research project under Professor Lu for AI fairness/bias in automated resume filtering
- Was tasked with dataset preprocessing, bias mitigation experimentation, and data visualization using Python and Python libraries for statistical and machine-learning algorithms.
- The research paper titled “National Origin Discrimination in Deep-learning-powered Automated Resume Screening” was awarded “Best Paper Award” - ISAP 2022 at Copenhagen, Denmark

LEADERSHIP EXPERIENCE

Interact Club (Alamo Rotary)

Vice-President

Danville, CA

Apr 2022 - May 2024

- Organized community services such as Wheelchair Drive, food bank donations, homeless care kit donations, etc.
- Received community service medal and honors for outstanding services to the community

SKILLS

- **Languages:** English, Mandarin (Chinese)
- **Programs and Technology:** Java, Python, C, JavaScript / Svelte (Frontend), Django (Backend and API), PostgreSQL / Docker, Github
- **Interests:** Club Tennis, Club Basketball, Food, Sports Analytics (Football)