
Employment and Work Experience

Stanford University School of Medicine

Biomedical Engineering Intern (June 2022 - August 2022)

- Intern at the Stanford Institutes of Medicine Summer Research Program (SIMR).
- Prototyped and 3D modeled a novel medical device with two attachable modules to make epinephrine administration easy, safe, and painless during a life-threatening food allergy (anaphylaxis).
- Led research, CADing, programming electronic integration with microcontrollers, and designing companion mobile app.

Magic Lifescience - Biotech Startup by Stanford University Postdocs & Professor

Intern (August 2022 - February 2023)

- 3D modeled the startup's patented molecular diagnostic device and animated the on-chip PCR on GMR nano-sensor technology.

DAOHQ - Web3 Startup (Mark Cuban Company)

Intern (January 2022 - March 2023)

- Core contributor of DAOHQ, a startup that raised a \$1.3M pre-seed investment to create the first global marketplace of Decentralized Autonomous Organizations (DAOs) in history.
- Researched DAOs and contributed to creating the database of over 1,000 DAOs.
- Responsible for content creation, events pipeline, and collaborating with DAOs internationally.

Skills: Python, Java, C++, CADing, 3D Modeling, Research, UI/UX Design, Leadership, Teamwork, Marketing.

Leadership

Inspire2Dev - International STEM Organization

CEO and Founder (2021-Present)

- Founded Inspire2Dev with the mission to provide a supportive environment for students, from anywhere in the world, to learn more about STEM and collaborate to create innovative projects.
- Hosted 2 international Hackathons (2021 & 2022) and 2 Coding Immersion Program (2021, 2023), reached students from across the US, the UK, Indonesia, Saudi Arabia, Argentina, Pakistan, Egypt, etc. Received 250+ positive testimonials.
- **Recognition:** Spotlighted in two STEM articles and two STEM Podcast features. Received the NCWIT National Award.

We Love STEM - 501(c)(3) Organization

Chapter Director (2020-Present)

- Established a chapter and led weekly python programming classes to students in the US, India, Canada, and Jamaica.
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Education

UC Berkeley Engineering Class of 2027

Dougherty Valley High School Class of 2023

College Credit Coursework

- AP Physics C: Mechanics
- AP Biology
- AP Computer Science A
- AP Calculus AB
- AP Calculus BC
- AP English Literature and Composition
- AP English Language and Composition
- AP French Language and Culture
- AP Chinese Language and Culture
- AP US Government and Politics
- AP World History: Modern

Awards & Recognition

National Center of Women & Information Technology

- 2022 National Honorable Mention and Northern California Affiliate Award Winner for Aspirations in Computing
- Top 10% of 3500+ candidates nationwide
- Recognized for excellence and leadership in STEM

DVHS Speech and Debate (2016 - present)

- Varsity Speech Competitor

DVHS National Honor Society (2021 - present)

President's Volunteer Service Award, Gold (2021, 2022)

Interests

- 2022 US Figure Skating National Gold Medalist
- ABRSM Level 8 in Piano and Violin
- National Championship Qualifier for skiing & snowboarding
- President of DVHS French Club