

ZACHARY HINZ

Los Altos, CA · (650) 305-8358 · zcha2020@mymail.pomona.edu · zachhinz.pages.dev/ · linkedin.com/in/zachhinz

Education

Pomona College

Claremont, CA

Bachelor of Arts, Computer Science and Mathematics | May 2024

- GPA: 3.8 / 4.0
- Relevant Coursework: Algorithms, Data Structures, Computer Systems, Useable Computer Security, Linear Algebra, Differential Equations, Probability, Natural Language Processing, Statistical Linear Models,

Work Experience

Mathematics Teaching Assistant

Claremont, CA

Pomona College Department of Mathematics | Jan 2023 – Present

- Hosted three study sessions each week to help students better understand various topics in linear algebra
- Topics included vector spaces, matrices, systems of equations, linear independence, determinants, eigenvectors and eigenvalues, as well as general proof writing techniques.

Resident Advisor

Claremont, CA

Pomona College Office of Housing and Residence Life | Aug 2022 – Present

- Served as first point of contact for 92 freshman and sophomores by connecting them to campus resources, settling disputes, handling emergencies and maintaining Pomona's code of conduct and safety standards within residence halls
- Planned and lead 10 events to foster community development for residence hall members alongside peer RAs over the 2022-2023 academic year.

Data Analyst and Research Intern

Claremont, CA

Pomona College Career Development Office | May 2022 – Aug 2022

- Remotely reviewed, aggregated, and cleaned two 6,000+ entry Excel databases with data on student internships and job placements. Used statistical software packages to see whether CDO was effectively serving the entire student body
- Spearheaded automation of data collection, formatting, and cleaning using several Python web scrapers, resulting in a 150% reduction in time spent on manual work in Excel. Code is viewable on Github.

Summer Associate

New York, NY

Insurtech NY | May 2022 – Aug 2022

- Collected research on over 400 emerging startups within the insurance sector, identifying potential startups for Insurtech NY and its clients to invest in. Ultimately 55 of those companies were recommended as matches for Insurtech clients
- Conducted general market research on niche spaces within the insurtech space, including Excess and Supply, AI use in Auto, and No-Code Distribution Platforms, doing financial due diligence and constructing theses on particularly exciting firms within those spaces.

Extracurricular Experience

Delegate and Member

Claremont, CA

Pomona College Model United Nations | Sept 2021 – Present

- Collaborated with other delegates under pressure to resolve disputes within international trade policy, nuclear disarmament, and bioterrorism.

NSLI-Y Scholarship Recipient

Kaohsiung, Taiwan

US Department of State | June 2018 - August 2018

- Awarded competitive merit-based US Department of State scholarship (~15% acceptance rate) to participate in critical language and cultural studies in Chinese in Kaohsiung, Taiwan.

TEDx Speaker

Mountain View, CA

Mountain View TEDx | Nov 2017 - Jan 2018

- Selected to present [TEDx Talk](#) on the importance of foreign language education in the K-12 public education system.

Eagle Scout

Los Altos, CA

Boy Scouts of America | June 2012 - Oct 2016

- Awarded "Order of the Arrow" for seniority and leadership; Served as Senior Patrol Leader and Order of the Arrow Representative; Completed National Youth Leadership Training.

Skills

Technical: Python, Java, R, SQL, MATLAB, Javascript, HTML/CSS, Excel, LaTeX, REST APIs, C/C++

Languages: Mandarin Chinese (spoken and written, advanced)