

EDUCATION

University of California, Los Angeles

September 2020 - June 2024

- B.S., Applied Mathematics and B.S., Economics
- GPA: 3.8
- Putnam 2023: 25/120

Edina High School, Minneapolis, MN

September 2017 - May 2020

- ACT: 36
- National Merit Scholar

EXPERIENCE

Outlier AI / Engineer

June 2024 - present

- Craft original, varied math problems to challenge LLM.
- Engineer prompts that guide the model to correctly answer complex math questions.
- Generate solutions to expand reasoning capabilities of LLM based on analysis of its output.

UCLA Office of Advanced Research Computing / Young Tech Professional

March 2024 - June 2024

- Collaborated with small team to develop an app that utilizes user and geographical data to generate fitness opportunities relevant to the individual user.
- Employed machine learning model using Python and AWS to optimize suggestions for each user.
- Presented app demo and business plan to industry leaders at Innovate@UCLA conference.
- Awarded Most Commercially Viable Application.

ASUCLA Office of Financial Planning / Financial Analyst

September 2021 - March 2023

- Reconciled over 50 accounts on a month-to-month basis.
- Used Excel to sort and manipulate financial data, as well as to create accessible representations of the data.
- Received Exceptional Student Employee Award in Spring of 2022.

DownBallot Solutions / Chief Technology Officer

March 2020 - September 2021

- Independently created data-driven application for startup that enables political candidates to harness data for customized campaign strategies.
- Developed VoteFinder database software using SQL, Python, and Javascript which allows clients to aggregate, sort and analyze voter data, as well as generate targeted lists and canvassing maps.

SKILLS

- **Computational:** R, Python, C++, Javascript, SQL, HTML/CSS; proficient in Excel
- **Language:** French (fluent), German (conversational)