



Education

University of California Berkeley

(2017 - 2021)

B. S. Civil Engineering
Minor Electrical Engineering and Computer Science

San Diego State University

(2016 - 2017)

Dual-enrollment, Math 151 & 252

Work Experience

City and County of San Francisco Intern

(May 2018 - August 2018)

- Developed software for converting between geodesic coordinates for city surveyors
- Restructured city processes for permitting and subdivision approvals

Yogurtland (August 2016 - November 2017)

- Food preparation and cleaning
- Most successful employee at increasing rewards program participation
- Top 5% of longest employed employees

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Skills

Programming:

Java, Python, MATLAB, HTML/CSS

Soft skills:

Public speaking, technical writing, scheduling, event planning, design

Characteristics:

On-time, efficient, responsible, get-things-done kind of attitude

What sets me apart

In high school, I was captain of the **Lincoln-Douglas debate team**. I recruited and coached 10 novices. Every morning since I graduated, I have sent them a gif via email to keep in touch (ask about tournaments, college, their plans).

Every Tuesday morning, I **wake up before 6AM** to reserve tennis courts from the gym for Berkeley Tennis Association. Reservations are first-come, first-serve.

Since I was 5, I have trained in **Goju-Ryu karate**. Over every break (summer, spring, winter), I am the only college student who returns to train with the other students.

I upload the **Society of Women Engineers** photos within 12 hours of when the event finishes.

Basically, dedication.

Activities

Society of Women Engineers

(August 2017 - Present)

- *Historian chair* - taken over 3000 photos at professional, outreach, social and advocacy events across two years, lead a committee of 8 other members (highest committee recruitment fall 2018)
- *Mentorship committee member* - Organize SWester program (undergraduate mentoring) and professional mentoring (undergraduate with professional mentoring)

Berkeley Tennis Association

(February 2018 - present)

- *Practice officer* - lead drills and games for varying levels of tennis, coordinate socials for family system

Projects

Climate Change Mitigation Strategies App

- Used MATLAB app designer to model climate change acceleration using wedge strategies

BearMaps

- Rastered a map of Berkeley at various zoom levels, implemented route-finding between two locations on map using Djikstra's algorithm

Maze Game

- Developed a video game using a tile renderer that generates a new layout of rooms and hallways every game, allows for 2 player