

EDUCATION

B.S.E Computer Science & B.S Finance and Risk Management Math

August 2023 - May 2026

- University of Michigan, Ann Arbor, MI, GPA 3.84/4.0, ACT: 36
- Relevant Coursework: Computer Organization, Foundations of CS, Advanced Calculus, Data Structures and Algorithms, Discrete Math, Proof-Based Linear Algebra, Economics (Macro and Micro), Analysis
- Extracurriculars: Girls in Electrical Engineering and Computer Science, Kappa Theta Pi Technology Fraternity

EMPLOYMENT

G2, *Student Researcher*, Ann Arbor, MI

January 2025 - Present

- Redesigned G2's software reviewing system using large language models to streamline the review writing process.
- Prioritized dynamic question selection, editing and content generation assistance, and higher completion rates by 10%.

Bidgely, *GenAI Intern*, Los Altos, CA

May 2024 - August 2024

- Collaborated with the co-founder of an ML and AI-driven energy company serving SMBs, enhancing operational efficiency and optimizing HR processes through automation.
- Integrated 380 Document360 documentation articles with the Glean search interface by leveraging indexing and REST APIs with company servers. Developed and implemented custom LLM-using chatbots, resulting in a 30% increase in question/answer accuracy in employee-facing search services.
- Utilized full stack development and Python to transform customer energy metrics survey into a conversational, OpenAI-based web application to increase completion rate and improve data management practices.

Glide, *Software Engineering Intern*, Virtual

July 2023 – September 2023

- Worked in Agile environment for high-growth fintech startup (raised \$4.5 million from Pear VC, celebrities, and more) directly under chief executive officer and chief technology officer, working on the credit union onboarding product.
- Formulated summarization and analysis queries using SQL with AWS RDS database on onboarding data from multiple customers, using results of queries to optimize completion rate by identifying user roadblocks.

DPR Construction, *Data Analytics Intern*, Redwood City, CA

June 2021 – August 2021

- Visualized data on California wildfires under the head of data analytics at DPR using Python and Matlab.
- Analyzed patterns using linear regression to propose recommendations for safer construction sites.
- Implemented automated pipeline to take in public environmental data and update internal dashboard through Excel.

Santa Clara University, *Research Assistant*, Santa Clara, CA

June 2020 - August 2020

- Assisted Dr. Hisham Said, Professor for Construction Engineering and Management, in infrastructure systems engineering as a data analyst research assistant. Utilized Revit and AutoCAD to simulate over 50 building structures.
- Tested structures under earthquake disaster situations and proposed methods for design improvement. Analyzed differences between simulated and real-world performance, and identified areas of discrepancy of up to 80%.

PROJECTS

Kappa Theta Pi, *Life App Dev, Director of Women's Empowerment*

August 2023 - Present

- Enhanced the calendar feature by adding event filtration by category, toggle options for previous events, and integration with Google Calendar. Developed an e-board portal page to add up to 10 events simultaneously.
- Refactored member family tree of 250 people to support a dynamic structure, replacing hard coded functionality. Migrated tree mapping to Firebase, utilizing database calls to update tree via a new e-board portal page.
- Built a resource database of resources on internships, fellowships, and scholarships for women in tech

Spark Project Team, *Software Engineer*

August 2023 - December 2024

- Devised a bike-compatible software program utilizing C++ and real-time data processing frameworks to display relevant race data to drivers and pit crews, facilitating informed decision-making and reducing race times.
- Conducted in-depth analysis of race data, identifying 5 efficiency improvements to enhance team performance.

LEADERSHIP

Taarika Foundation, *Website Lead*

January 2019 - August 2023

- Volunteered for over 150 hours, creating 8 podcast episodes, leading 3 webinars, and managing the website, increasing the number of listeners and participants by 200%. Website: <https://taarika.foundation/>

Awards: Fall 2023, Winter 2024, Fall 2024 COE Dean's Honor List, University Honors

Skills: C++, Python, Java, HTML/CSS/Javascript, SQL, Pandas, Julia, Git, Jupyter Notebook, Excel, Docker, Dart, React