

Vikas Sharma

248-885-3246 • vvsharma21@berkeley.edu • linkedin.com/in/vikasvsharma • vikasvsharma.com

EDUCATION

University of California, Berkeley

Expected Graduation: May 2021

Computer Science B.A.

Activities/Societies: Berkeley Model United Nations, Berkeley Zahanat, Computer Science Mentors, CalHacks

WORK EXPERIENCE

Juniper Networks

Sunnyvale, CA

Software Engineering Intern (Dev Ops)

May 2019 – August 2019

- Built and deployed monitoring system for cloud service infrastructure for 100+ services, instances, machines
- Saved team \$2000 per month in AWS costs by implementing custom log parser to process various system logs
- Configured custom dashboard, and system alerts through Slack and email, reducing debugging time by 25%

Jetzy

San Jose, CA

Product Management Intern

August 2019 – September 2019

- Developed strategy and roadmap for login/profile page redesign that will improve experience for 10000+ users
- Led cross functional team of designers and developers to develop mocks utilizing Figma and React-Native
- Drove team of engineers to develop MVP of home screen and test it and validate them using 15-person study

UC Berkeley, Haas School of Business

Berkeley, CA

Undergraduate Researcher

Jan 2019 – May 2019

- Wrote python scripts to calculate distance between city names based upon string name and geolocation API
- Stored and queried data in SQL to explore associations between quality of life and proximity to crypto mining
- Created visualizations with Tableau to depict the relationship between crypto mining and local energy prices

Silicon Valley Artificial Intelligence(Non-Profit for AI/ML medical research)

San Francisco, CA

Growth and Strategy

Sep 2017 – May 2018

- Grew network by 500 people by leveraging various growth strategies including email marketing, and blog posts
- Helped to coordinate logistics and sourced data for Cancer Genomics hackathon with 200+ in attendance
- Collaborated with UC Berkeley professors and organizations to bring industry professionals for speaker series

LEADERSHIP AND ACTIVITIES

Computer Science Mentors (CSM)

Berkeley, CA

CS61B (Data Structures) Mentor

Jan 2018 – Present

- Hold 1-hour weekly sessions and discussions during primarily teaching data structures and algorithms
- Help prepare students for Computer Science exams through worksheets, exam walkthroughs, and HW parties
- Aided students with course content, taught in Python, Scheme, and SQL, during office hours and lab sections

Berkeley Model United Nations (BMUN)

Berkeley, CA

Head Chair/External Deputy

Sep 2017 – Present

- Chaired 5+ committees, facilitating debate on political, economic, and fiscal policy between 400+ delegates
- Coordinated with school advisors and streamlined registration from 1 week to 1 day using custom software
- Co-organize the biggest event on UC Berkeley's campus hosting over 2000 high school students and advisors

PROJECTS

Oliver (React-Native): App utilizing Weather API, and geolocation that automates daily clothing choices

Yelp Maps (Java): Implemented Dijkstra's, A*, and search algorithms to determine shortest paths routing options

SKILLS AND RELEVANT COURSES

Technical Skills: Java, Python, Git, SQL, HTML/CSS, React, AWS, Kubernetes, Elk, Prometheus, TensorFlow

Relevant Courses: Structure and Interpretation of Computer Programs, Blockchain Fundamentals, Data Structures and Algorithms, Foundations of Data Science, Discrete Mathematics and Probability, Linear Algebra and Differential Equations, Efficient Algorithms, and Intractable Problems