

SONIA KOTHARI

San Francisco, CA | soniad1707@gmail.com | (510) 432 4498 | [Linkedin](#) [GitHub](#)

Education

University of California, Davis

B.S. Computer Science and Engineering

GPA: 3.9/4.0

Experiences

BDO, Software Engineering Intern

July 2023 - September 2023

- Developed and optimized backend data processing modules for Adobe's integration within BDO's financial software suite, enhancing data accuracy and reducing processing time by 25%
- Collaborated closely with Adobe's technical team to troubleshoot integration issues, rapidly identifying and resolving bottlenecks, which led to a 20% reduction in integration-related customer support tickets
- Designed and implemented a comprehensive automated testing framework for validating Adobe's API interactions, resulting in a 30% increase in software reliability and accelerating new feature rollouts

Scholar Of Finance, Software Engineering Intern

February 2023 - August 2023

- Serving as engineering team's management lead, identifying priorities and administering tasks to other interns
- Developed the SOF Mentorship Networking platform supporting up to 250+ mentors to over 1500+ students, empowering relationships between professionals and undergraduate students using frontend frameworks and REST APIs
- Developed a Learning Management System to administer a leadership development program to over 1500+ students across 50+ chapters integrated into the SOF platform
- Integrated a ticketing system to allow stakeholders to request tech-tickets encouraging organized workflow for the technology team.

HP, Corporate Venture Capital & Business Analytics Internship

February 2023 - April 2023

- Conducted Research and analyzed startup metrics, industry data, and team data in AR/VR space to determine potential HP Tech Ventures' investments
- Sourced 30+ hardware and software companies that could complement G2 Reverb headset and Omnicept software
- Analyzed data on 20,000+ startup companies using Excel to determine what contributes to startup's success and find value and trends

Leadership

Google Developer Student Club, Tech lead

September 2023 - Present

- Significantly enhanced the club's technical direction and project outcomes by working closely with other club leaders to develop and implement a strategic roadmap for technical projects and events, aiming to optimize learning opportunities for members
- Successfully organized and facilitated 10+ various educational events, such as seminars, coding workshops, and tech talks, to promote hands-on learning and skill enhancement, addressing the need for practical, real-world tech education in a university setting

Girls Who Code, Event Manager

January 2024 – Present

- Managed logistics for multiple onsite and digital events in fast-paced environment, ensuring seamless execution and changes
- Delivered exceptional guidance and effectively implemented crisis management strategies to maintain event and client satisfaction
- Cultivated an inclusive environment, fostering community and bonding among 20-25 girls through planned activities and interactions
- Formulated monthly newsletters with GWC news, job listings, volunteering opportunities, upcoming events, etc

Projects

Google Developer Student Club Website

- Developing the GDSC Website using TypeScript, View and GCP by leveraging their existing website designs, ensuring seamless integration and a consistent user experience

Spam/Ham Email Classifier

- Created a data pipeline to process the data and built a logistic regression model to predict whether an email was spam with 94% training accuracy on a test set

Twitter Clone

- Designed and implemented a fully responsive Twitter clone as a personal project, the application was built using a modern tech stack, closely emulating the core functionalities of Twitter

Coursework

Computer Architecture, Assembly Language, Program Design and Data Structure, Object Oriented Programming C++, Artificial Intelligence, Circuit Analysis, Operating Systems

Skills

Programming Languages: Python, Java, C, JavaScript, HTML, CSS, SQL

Technologies & Frameworks: Angular, Node, React, Git, NoSQL, Linux, IPC, TCP/IP Networking

Machine Learning: Data Pipelines, Performance Modeling, Neural Network Architectures