

Kuljit Uppal

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EDUCATION

University of California, Berkeley

Bachelor of Science, Electrical Engineering and Computer Science — GPA: 3.78
Eta Kappa Nu Honor Society

Aug 2023 – Present

Berkeley, CA

EXPERIENCE

Software Engineer Intern

ChannelSeal

Jan 2025 – Present

Berkeley, CA

- Developed Springboot application and designed REST APIs with Java and Postgres
- Engineered CRUD operations and business logic with MVC design
- Applied cybersecurity frameworks to design platform integrations and 3+ services

Project Manager

Code for Good

Sep 2024 – Present

Berkeley, CA

- Worked with nonprofits to optimize volunteer data collection and create engineering metrics
- Led team of 6 developers to create Github benchmark visualizations with Python
- Automated administrative tasks with Apps Script to reduce manual workload by 40%

Cybersecurity/IT Intern

Terravanta

Aug 2024 – Present

Berkeley, CA

- Developed informative content and provided 1:1 employee training on phishing/online security
- Created a company cybersecurity framework using CIS Controls and NIST CSF
- Performed risk assessment of over 30 services and evaluated business continuity and insurance

PROJECTS

Settling | *Python, Open AI, Gemini, JS, Firebase*

Oct 2024 – Dec 2024

- Developed a personalized immigration app for immigrants/refugees with Python and Firebase
- Designed 3 AI chatbots with OpenAI models to create a secure user profile, provide tailored job recommendations, and generate career paths from user interests
- Supported legal documentation assistance for 10+ immigration documents

Macro Tracker | *Python, Flask, JS, Firebase, Google Cloud*

Nov 2023 – Mar 2024

- Provided access to nutrition logging at 5+ UC Berkeley dining halls and restaurants with a Python web app
- Used by over 1100 students to calculate and track their nutrient intake
- Designed and developed a full-stack responsive web application with Flask and GCloud

CERTIFICATIONS/HONORS

The Gates Scholarship

- A prestigious full ride scholarship funded by the Bill and Melinda Gates Foundation
- Among 750 scholars chosen from 51,000+ applicants, representing academic achievement, service, and commitment

GIAC Security Essentials

- Recognized as a National Cyber Scholar with Honors, ranked in the top 2% of CyberStart players nationwide
- GSEC certification holders are qualified for hands-on IT systems roles with respect to security tasks
- Certified by SANS to protect and secure critical information on-premise and in the cloud

National US Cyber Challenge Finalist

- One of 15 finalists in a national cybersecurity Capture the Flag competition
- Participant in the US Cyber Games Pipeline program for the US Cyber Team

TECHNICAL SKILLS

Programming Languages: Python, Java, C, Go, SQL, PHP, Powershell, JavaScript, HTML/CSS

Frameworks: React, Django, Flask, NodeJS, REST, Springboot

Software: Git, Docker, VS Code, IntelliJ, Linux, Fusion, Google Suite, MS Suite, Sharepoint

Security: Ghidra, BurpSuite, Wireshark, Metasploit, NMap, Cloud Security, Active Directory, Prompt Engineering

Courses: Data Structures, Algorithms, Designing Systems, Interpretation of Programs