Shiven Gupta

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EDUCATION

University of California, Berkeley   Berkeley, CA
GPA: 3.9/4.0   May 2023
B.A. in Computer Science
Coursework: Introduction to Programming, Foundations of Data Science, Data Structures, Machine Structures,
Discrete Math / Probability Theory, Applications of Cloud Computing, Linux System Administration

Waubonsie Valley High School   Aurora, IL
GPA: 4.5/4.0   May 2019
Graduated Summa Cum Laude – Top 2.5%

WORK EXPERIENCE

Samsung Electronics America   Mountain View, CA
Software Engineer Intern   June 2020 - August 2020
- Developed and managed ETL workflows and custom frameworks with Apache Airflow
- Built and published a self-service data uploading portal for users through Flask, Python, SQL

Orbis AI   Berkeley, CA
Machine Learning Engineer Intern   November 2019 - January 2020
- Worked on TTS (Text to Speech) and Voice Conversion
- Utilized NumPy, Pandas, and other Python libraries for audio segmentation

Our Safety USA (NGO**)**   Naperville, IL
Frontend Developer   June 2018 - August 2018
- Utilized HTML, CSS, and JavaScript to develop an effective user interface on the company's website
- Drove the creation of a design and executable plan for future development
- Updated the website weekly and made use of internal web tools to improve the user experience

Provana LLC   Lisle, IL
Data Analytics Intern   July 2017 - August 2017
- Analyzed multiple data sources while filtering and publishing the insights on personalized dashboards
- Established a working prototype on all device types ranging from desktop, to tablets and smartphones
- Associated these with a data warehouse using Microsoft Power BI product

University of North Georgia   Dahlonega, GA
Cybersecurity Research Associate   June 2017 - July 2017
- Participated in hands-on labs using the Certified Ethical Hacker (CEH) iLabs curriculum
- Gained advanced knowledge of penetration testing, drone programming, and car hacking
- Conducted extensive research regarding security vulnerabilities, such as SQLi and DDoS

ACTIVITIES

PlexTech   Berkeley, CA
Software Developer   September 2020 - Present
- Fall 2020 Client: Perimeter
- Utilizing Django's REST framework to build APIs to connect the data insights collection with the front-end dashboard

BERKE1337   Berkeley, CA
Internal Team Member   January 2020 - Present
- UC Berkeley's student-run cybersecurity organization
- Host CTFs, student-run and corporate tech talks, and learning workshops to promote cybersecurity

Seed Base Consulting   Berkeley, CA
Strategy Consultant   September 2019 - December 2019
- Fall 2019 Client: Samsung
- Conducted technical research to produce growth insights for Samsung Developer Universe
- Focused on improving and gamifying the user interface of the platform to enhance usability

TECHNICAL SKILLS & TOOLS

- **Computer Languages / Technical Tools:** Python, Java, SQL, C, NumPy, JavaScript, Apache Airflow, Flask, Linux
- **Additional Courses:** Introduction to Cybersecurity, Microsoft CLD263x: IT Support: Cloud Fundamentals, HarvardX PH125.1x: Data Science: R Basics, AWS Developer: Building on AWS, AWS Developer: Deploying on AWS