Shivali Singh

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EDUCATION

University of Rochester,   Aug 2018 – May 2022 │ Rochester, NY
B.S. in Computer Science , B.A. in Mathematics │ GPA 3.94 / 4.0
Dean's List (3/3 Eligible Semesters) and Dean's Merit Tuition Scholarship awarded annually

SKILLS

SQL *(Proficient)* │ **Java** *(Intermediate)* │ **Python** *(Intermediate)*

Linux *(Intermediate)* │ **R** *(Proficient: Ggplot,Dplyr)*

Microsoft Excel *(Proficient)* │ **Power BI** *(Intermediate)*

Git *(Intermediate)* │ **Information Security** *(CyberArk Certified)*

CERTIFICATIONS

AWS Machine Learning- Speciality

AWS Solutions Architect Associate

Microsoft Azure Fundamentals

Oracle Cloud Associate Architect

EXPERIENCE

Amazon Robotics, *Incoming Tech Support Engineer Co-op*   Jan 2020 – Jun 2021 │ Boston, MA

Bank Of America, *Incoming Software Engineer Intern*   Summer 2021 │ Charlotte, NC

Bluebonnet Data, *Data Analyst Fellow*   May 2020 – present │ Remote
- Performing sentiment analysis on social media data to accelerate user growth by 40% and creating dashboards and reports using AWS QuickSight for clients
- Develop new and modify existing SQL code to meet marketing campaign objective
- Manage quality standards of data consistent with best practices of data management

Teaching Assistant, *Data Structures and Algorithms and Calculus II*   Aug 2019 – present │ Rochester, NY
- Lead weekly study sessions for 25+ students and grade Java programming assignments and exams
- Mentor students through one-on-one tutoring sessions and helped them with college course work

OpptIn BlockChain Tech Startup, *Product +SWE Intern*   May 2020 – Jul 2020 │ Philadelphia, PA
- Implemented Geo-filters on iOS app product, performed Geo-location testing and identified vulnerabilities
- Led agile development of a new app feature through staging environments, defined Blockchain development structure for product teams, and successfully navigated the project to Phase 2

University of Rochester School of Medicine, *Data Science Intern*   May 2019 – Dec 2019 │ Rochester, NY
- Increased efficiency of model by 40% using Python and Linux to automate observations on protein transformations
- Identified usable experiment data from 1000+ images using Python and narrowed down the target protein data by 25%

PROJECTS

AWS Serverless Project   Apr 2020 – Jul 2020
Implemented code pipeline for automating personal resume updates via Github and hosted the website using DNS and implemented user signups and email notifications using AWS Lambda, Codebuild, and SNS.

Credit Card Fraud Detection, *Cloud Automation Project*   Feb 2020 – May 2020
Created an automated machine learning model that detects potentially fraudulent activity and flags that activity for review using AWS S3, Lamba, Sagemaker, and created a dashboard for visualization and reporting.

LEADERSHIP AND ORGANIZATIONS

Tour Guide Society, *Campus Engineering Tour Guide*   May 2019 – present
Honed sales and marketing acumen by leading 100+ 1-hour campus tours to prospective students and families to highlight personal experience at the university.

Resident Advisor, *First year Hall*   Jan 2019 – present
Mentor 40+ first-year students and host hall programs to engage and educate residents in community building, diversity and inclusion to foster a positive living environment

Society of Women Engineers, *Programming Chair*   Jan 2019 – present
Organized coding events/ social gatherings for 100+ students and successfully launched monthly mentorship program by connecting 25 alumnae to mentees