Sameel Syed

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EDUCATION

Skidmore College   **Saratoga Springs, New York**
Bachelor of Arts in Computer Science and Neuroscience, Magna Cum Laude (GPA: 3.86)   *August 2020-May 2024*
- Phi Beta Kappa, Dean's List, Davis Scholarship ($25000 per annum)

Data Career Jumpstart   **Online**
Bootcamp/Course in Data Analytics   *May 2024 - July 2024*

WORK EXPERIENCE

Snow Data Science   **Houston, Texas | Remote**
Data Analytics Intern   *June 2024 – August 2024*
- Generated custom visuals and dashboards, using Tableau, to communicate relevant industry sales narratives.
- Analyzed consumer trends to create reports on customer segmentation and marketing strategies for clients.

Japanz International   **Manzini, Eswatini**
Marketing Analyst Intern   *June 2023 – August 2023*
- Analyzed competitor pricing data on **82** dealerships using excel.
- Developed reports/presentations on market pricing trends and sales channels using PowerPoint.
- Coordinated with the Market Research and Sales departments to develop and implement pricing strategies to enhance competitive positioning and profitability.

Skidmore College   **Saratoga Springs, New York**
Catering Supervisor   *September 2021 – May 2024*
- Collaborated with management to organize and plan events and organized employee teams for events.
- Trained new employees in the functioning of basic equipment; explained SOP's; and communicated policies.
- Interviewed candidates for catering positions, with total jurisdiction over the hiring process.

Japanz International   **Manzini, Eswatini**
Sales Representative   *January 2020 – July 2020*
- Assisted clients, determined customer financing options, and executed sales.
- Led a program scouting for vehicles to repair and sell for a profit. **21** vehicles were purchased by the company through this program, becoming a successful antidote to a decrease in sales as a result of the pandemic.

Projects

- Implemented chess bots in python using reinforcement learning (SARSA) and a backtracking algorithm (minmax with alpha-beta pruning) and designed/implemented a digital interface to interact with the engines.
- Implemented Summarize, a note storage IOS app coded in Swift that generates and stores summaries based on speech or text input. App design was based on wireframes and a logo I created using Figma.
- Used Pandas, PyTorch, NumPy and scikit-learn to analyze data on heart disease in the United States and generated a linear classification model that predicted diagnoses at a **99.23%** success rate based on factors such as resting BP, age, cholesterol, and chest pain.
- Designed a Java program that simulates forest fires using cellular automata modeling.
- Implemented a centipede and asteroids game in python that was based on older models created by ATARI.
- Analyzed customer and campaign data on Brazil's leading fast food delivery company, iFood, using Excel, to generate proposals for business growth and improvements in advertising campaigns.
- Investigated data from the Massachusetts Department of Education to design an intuitive dashboard and visualizations that report on trends within the state's educational landscape.

SKILLS

Skills: Python, Java, R, Swift, SQL, MySQL, PostgreSQL, Tableau, PowerBI, Pandas, NumPy, Matplotlib, PyTorch, Tableau, PowerBI, UI/UX design, Excel, PowerPoint, French (Intermediate), Spanish (Intermediate), Urdu (Fluent), Punjabi (Fluent)