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)

WORK EXPERIENCE

Middle School Science Teacher   **Queens, New York**
Rockaway Park Middle School   *September 2024 - Present*
- Collaborate with grade team to modify/implement lesson plans and curriculum to **8th Grade** and **6th Grade** students.
- Teach **2** sections of **8th Grade Science** and **2** sections of **6th Grade Problem Solving** altogether teaching **97** students.
- Prepare **8th Grade** students for **State Physics Regents** through tutoring and the creation of study guides/exam prep materials.
- Serve as advisor to **10** students, this involves parent outreach and individual student assessment/aid, to ensure each advisee's specific educational needs are catered for.

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 pricing data on competitor dealerships together with customer sales data 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.

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.
- Collaborated with a partner to implement and design a note storage for IOS called Summarize that generates and stores summaries based on speech or text input.
- Designed a Java program that simulates forest fires using cellular automata modeling.
- 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

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