Sameel Syed

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EDUCATION Skidmore College   **Saratoga Springs NY**

BA in Neuroscience and Computer Science (GPA: 3.86)   *Graduated Magna Cum Laude: May 2024*

Awards: Davis Scholarship ($25000 per annum), Dean's List, Phi Beta Kappa, Magna Cum Laude

WORK EXPERIENCE

Japanz Ltd.   **Manzini, Eswatini**

Automotive dealership for used Japanese imported vehicles**.** (Average monthly sale of 14.25 vehicles in 2020)

Sales Representative /Price Analyst   *Jan 2020 - Jul 2020, Jun 2021 – Aug 2021, Jun 2022 -Aug 2022*

- Assisted and interacted with customers, and ensured customers were satisfied with services and vehicles.
- Coordinated with other departments to promote sales offers and determine each customer's financing options.
- Established a social media presence for the business on Facebook, predominantly using the platform to market vehicles that were proving hard to sell. Facebook sales accounted for up to **22%** of monthly sales in March 2020 and were an effective way to market during the pandemic.
- Led a program which scouted for local vehicles that could be repaired and sold for a profit. **21** vehicles were purchased by the company through this program and profit per vehicle ranged from **14%-38%.** This proved an effective way to combat the decrease in sales as a result of the pandemic.
- Analyzed, researched, and collected data on competitor pricing and pricing strategies with the goal of improving company pricing policies.
- Coordinated with market research department and product management to establish pricing strategies.

Skidmore College   **Saratoga Springs NY**

Catering Supervisor   *September 2021 – May 2024*

- Delegated tasks to employees to ensure efficient service and maintained a record of absences and hours worked.
- Trained new employees in the functioning of basic equipment; explained SOP's; and communicated policies.
- Collaborated with management to organize and plan events and ensure smooth deliveries for company events.
- Recruited 32 employees in Spring 2023 via word of mouth together with personally designed flyers.

PAST PROJECTS

- Created two intelligent chess bots, the first made use of the minmax algorithm with alpha beta pruning and the second used reinforcement learning to improve via playing the first engine .
- Designed and implemented an app called Summarize, whereby users can input audio (audio is transcribed) or text and this input is then summarized, and summaries are then stored to allow later access.
- Designed and working on College Bazaar, an app that allows students to sell items/products intra campus, essentially a Craigslist/Facebook marketplace that is exclusive to students at the same college.
- Implemented a centipede and asteroids game based on older models created by ATARI.
- Java program that simulates forest fires using cellular automata modeling.
- Used data on heart disease in the United States to design a linear classification model that could predict diagnoses at a **99.23%** success rate based on thirteen relevant factors such as resting BP, age, cholesterol, chestpain etc.

SKILLS & INTERESTS

Skills: Python (pandas, NumPy, Matplotlib, PyTorch, scikit-learn), Kotlin, Swift, C, Java, R, Statistical Analysis, Office, Excel, Spanish (Intermediate), French (Intermediate), English (Fluent) Hindi (Fluent) Urdu (Fluent), Punjabi (Fluent). **Interests:** Philosophy, Film, Soccer, Drawing (2D Geometrical patterns), Literature.

VOLUNTEER EXPERIENCE:

Taught basic math and English to children from low-income backgrounds at Waterford primary school in Mbabane, Eswatini from Jan 2018 – July 2020, and continued this in Jun 2021 – Aug 2021, and Jun 2021 – Aug 2021.