Shaisab Mistry

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EDUCATION

New York Institute of Technology   New York, NY
Bachelor of Science in Computer Science   *Expected May 2028*

EXPERIENCE

Software Engineer Fellow   Jul. 2024 – PRESENT
Headstarter   *New York, NY*

Web Operator Intern   Jul. 2024 – PRESENT
MJHS   *New York, NY*

Web Developer and Research Assistant Intern   Jan. 2023 – Feb. 2023
WeWork   *New York, NY*

- Developed a user-friendly Wi-Fi login interface for **over 600,000 clients** utilizing HTML and CSS, boosting **Wi-Fi usage by 30%** and improving the onboarding experience.
- Designed and implemented automated **python scripts** for data analysis, reducing manual **workload by 40%** and increasing productivity.
- Developed robust predictive sales models in **R, achieving an 80% accuracy rate** and enabling **data-driven decisions** that optimized business forecasting.

Software Development Manager   Sep. 2023 – May. 2024
EBT   *Brooklyn, NY*

- Led a team of **30** AP Computer Science students, fostering a collaborative and innovative learning environment resulting in a **25% average increase** in student grades.
- Designed and executed **over 5 educational projects** including a nim game, portfolio website, food website, and a web scraping tool using Java, Python, HTML, and CSS, enhancing practical coding skills among students.
- Utilized R to manage and analyze **20+ databases** for statistical analysis and data visualizations, improving data processing **efficiency by 40%**.

Assistant Accountant   Feb. 2024 – Mar. 2024
DC37   *New York, NY*

- Spearheaded the **automation of monthly transaction** data entry using python, which increased **data entry efficiency by 30%**.
- Efficiently managed and processed **over 20 invoices weekly**, resulting in a **15% improvement in payment cycle time**.
- Conducted regular audits of financial documents, uncovering and resolving discrepancies that **saved the company $5,000**.

PROJECTS

EduView | *Django, Python, AWS, Bootstrap*   Jan. 2024 – Apr. 2024

- Developed a web application using **Django framework** for school teachers to view student data, improving data accessibility and **efficiency by 50%**.
- Integrated Google Sheets and SQLite as the database using **Google API**, ensuring real-time data updates and reducing manual data entry **errors by 40%** .
- Deployed the application on **AWS EC2**, enhancing the application's reliability and up-time to **99.9%.**

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, R, Shell Scripting
Developer Tools: Git, AWS, Azure, Google Cloud, Linux, Google Cloud, MS Power Platform
Libraries: Bootstrap, Selenium, BeautifulSoup4, Urllib
Framework: Django, REST API