https://saadahmadsabri.lol/
Brooklyn, NY, 11218

Saad Ahmad Sabri

(631) 691-9805
saadahmadsabri03@gmail.com

Employment

QA Intern	Metropolitan Transit Authority	Summer 2023 - Winter 2023

- Executed 200+ automated tests with LoadRunner, increasing test coverage by 30% for MTA software, enhancing reliability and performance.
- Conducted stress tests simulating loads for 50,000+ users, ensuring system stability and preventing failures during peak traffic.
- Analyzed results, leading to a 15% faster bug resolution by providing insights to development teams, improving software quality.
- Collaborated with teams to refine testing processes, enhancing issue identification and contributing to a more robust development cycle.

Data Science Intern	Bed-Stuy Restoration	Summer 2023

- Applied machine learning for predictive analytics, driving community initiatives with data-driven decision-making.
- Performed data analysis using Python, SQL, and R, creating reports and visualizations for executive decision-making.
- Developed tools and dashboards with Google Data Studio, enhancing leadership's ability to assess data trends and make decisions.
- Maintained data pipelines for high quality and accuracy, supporting seamless integration from various sources for comprehensive analysis.

Education

New York, NY	CUNY Brooklyn College	Fall 2022 – May 2026

- B.S in Computer Science with Minor in Data Science, Expected May 2026. Coursework includes Operating Systems, Databases, Algorithms, and Engineering Entrepreneurship.
- Additional Coursework: Advanced Mathematics, Calculus II, Programming Languages, and Computer Architecture, providing a well-rounded foundation in computer science.

Technical Experience

Projects

- **AI-Trading-Bot:** Developed an AI trading bot for automating stock transactions. Integrated TradingView webhooks for real-time signals and deployed on AWS with trading APIs for efficient execution.
- **ZIO-Hacks-NYC:** Optimized HTTP header encoding/decoding in zio-http library, enhancing performance and interoperability, improving web communication in high-traffic scenarios.
- **Next.js Inventory Management System:** Implemented a modern inventory dashboard with Next.js, Firebase, and Material-UI. Added real-time insights, dynamic pricing, and beta AI module features.
- **AI Chatbot:** Designed an AI chatbot with NLP algorithms for dynamic conversations, improving user interaction and response flow.
- **Tutor AI Rag:** Developed an AI educational tool for personalized tutoring, using machine learning to analyze student performance and provide tailored recommendations.

Languages and Technologies

- Languages: C++, C, Java, Objective-C, C#.NET, SQL, JavaScript, Python, HTML, CSS, Solidity, R.
- Tools: Visual Studio, SQL Server, Eclipse, XCode, Interface Builder, AWS, Firebase, Git, Vercel, MySQL, Docker.