

# Saad Ahmad Sabri

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## EDUCATION

### Brooklyn College

*Bachelor of Science in Computer Science, Minor in Data Science*

Brooklyn, NY

Expected May 2026

**Relevant Coursework:** Linear Algebra, Computer Architecture, Data Structures and Algorithms

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, HTML, Solidity, SQL, R

**Software:** Amazon Web Services, QGIS, Visual Studio, CSS, Git, Excel, MySQL

**Certifications:** SEE Academy: Building Sustainable Startups, Autodesk Certified User

## WORK EXPERIENCE

### Metropolitan Transportation Authority (MTA)

New York, NY

Quality Assurance Intern

Aug 2023 – Dec 2023

- Engaged in direct communication with customers to address card issues, gathering feedback to better identify and resolve system deficiencies
- Tested MetroCard scanners and related fare collection software, ensuring seamless integration and functionality across various devices and platforms

### Bed-Stuy Restoration Corporation

Brooklyn, NY

Data Science Intern

Jun 2023 – Aug 2023

- Employed machine learning techniques for predictive analytics and trend analysis, driving data-driven decision making.
- Performed data analysis using Python, SQL, and R to influence strategic community initiatives.
- Created decision-making tools with data visualizations and reports in Google Data Studio for executive leadership..

## PROJECTS

### Tutor AI (Python, RAG, AWS, Audio and Text Transcription)

- Developed and deployed an AI-powered educational assistant using Python and Flask, featuring audio transcription, PDF text extraction, and question answering via Retrieval-Augmented Generation (RAG).
- Enhanced AI model performance by integrating RAG with a curated knowledge base, ensuring accurate and contextually relevant responses.
- Implemented a scalable backend on AWS and designed a user-friendly web interface, improving educational accessibility and user experience.

### Ziverge (Scala)

- Authored over 300+ lines of code, implementing Encode and Decode Tests for a critical open-source project. This work showcases a strong commitment to code quality and reliability.
- Enhanced the test coverage by adding specific tests for Encode and Decode functionalities, ensuring robustness in handling HTTP requests and responses.
- Demonstrated expertise in working with HTTP routes by refining tests for various scenarios, such as routes with different path segments, and actively participated in code review processes to enhance overall code quality.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### Ibrahim Student Leadership and Dialogue Program

Dubai, UAE

Ibrahim Student Scholar

Dec 2023 – Jan 2024

- Applied acquired knowledge and leadership prowess to spearhead a community-based social entrepreneurship project in the AI/ML field. This project stands as the culmination of my fellowship, showcasing practical application of skills and expertise.

### Blackstone

New York City, NY

CUNY Innovation Sprint

Apr 2024 – May 2024

- Led a team in Blackstone's Innovation Sprint, presenting the architecture and coding structure for a new project portfolio management system to Blackstone employees
- Articulated and pitched the design of a project ranking system, focusing on time expenditure and efficiency metrics, to Blackstone employees.