

Mina Barsoum

linkedin.com/in/mina-barsoum/

Languages: Python, MySQL, Java, CSS, HTML, JavaScript (Node.js)

EDUCATION

Rutgers School of Arts and Sciences – New Brunswick, NJ

May 2021

B.S in Computer Science, Creative Writing Minor

Relevant Coursework: Data Structures, Discrete Structures, Computer Architecture, Software Methodology, Intro to Artificial Intelligence, Principles of Information Management and Databases, Intro to Data Science, Design and Algorithm Analysis

PROFESSIONAL EXPERIENCE

Bloomberg

Princeton, NJ

Data Analyst – Company Financials

Sep 2021 – Jan 2025

- Managed portfolio of 40 Industrial companies through maintaining, processing, and expressing their data on the terminal as well as tracking project/reporting workflow through JIRA User Story review sessions and backlog refinement
- Created python script leveraging (BQL) Bloomberg Query Language to identify and flag KPI performance data gaps
- Researched, designed, and successfully pitched Key Performance Indicator dashboards to aggregate and pull in Industry-specific KPI performance data from Bloomberg Terminal
- Facilitated client meetings to identify product and data issues as well as collaborated with product and engineering teams to develop strategic solutions.
- Provided daily client support via Bloomberg ticketing system, offering industry insights, data-driven guidance, and technical support for terminal functionality

FINRA (Financial Industry Regulatory Authority)

New York, NY

Technology Intern – Transparency Services

May 2020 - August 2020

- Tested (VIPR) Vendor Issue Participant Repository software developed for the Equities and Fixed Income Regulatory business community at FINRA to ensure a user-friendly UI.
- Created automated test cases and performed API Integration Automation Testing for VIPR using IntelliJ and Gherkins.
- Strategized implementation and design for front-end features of VIPR as well as developed/executed test cases for VIPR
- Created User Story review sessions with Jira to track VIPR bugs with developers and reported key status updates to lead Project Manager and upper-level IT management.

PERSONAL TECHNICAL PROJECTS

Fast Trajectory Planning – Java

- Designed a program that generates mazes of any size and finds the quickest path from start to goal efficiently and adaptively
- Solves a maze using a version of the A-Star Algorithm and heuristics, increasing the algorithm efficiency by 75%

Song Library – Java, (Java FX – GUI)

- Designed a song library application with JavaFX, providing a user-friendly interface for managing music collections
- Implemented features allowing a user to upload, delete, search, and organize songs by name, album, and upload date

Photo Library – Java, (Java FX – GUI)

- Designed a photo library application using JavaFX providing a UI that allows user to create accounts which saves their library
- Implemented features allowing a user to add/delete photos, add tags, create albums, edit photo information, and search for photos

ORGANIZATIONS AND LEADERSHIP

Phi Chi Theta – Professional Business Fraternity

New Brunswick, NJ

Webmaster

April 2020 – May 2021

- Redesigned website layout to allow for a seamless user experience and ensuring website information is up to date and accurate
- Analyzed and tested keywords to allow for 50% increase in website visits raising the organization's priority in Google search results

PNC Shark Tank Event

New Brunswick, NJ

Award Recipient/Participant

October 2019

- Collaborated with team members to create a winning pitch for PNC Sharks in an effort to combat poor undergraduate health.
- Proposed an app that allows students to catalog/track dining hall dishes and develop a meal plan with Graduate Nutrition students

SKILLS AND INTERESTS

- Technical Skills:** Proficient in Python, MySQL, Tableau, Power BI, Java, Jupyter Notebook, MySQL Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Adobe Premiere, Bloomberg Terminal, Basic in BQL, HTML, CSS, JavaScript, Jira, IntelliJ, and Git
- Interests:** Creative Writing, Screenwriting, Hip-Pop Dance, Video Editing, Acoustic Guitar, Kalimba, Singing, Muay Thai