

Jordan Faulkner

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<https://github.com/JordanShaneFaulkner/ProjectsPortfolio>

Professional Summary:

Data Science and Math student currently located in Cambridge, Massachusetts, Currently working for The Broad Institute of MIT and Harvard. Strong ability to adapt to new work environments, and quickly learn SOPs used during work processes for data management, data visualization, and data accuracy. Strong passion for Technology and practitioner of daily study of topics regarding Data Science, AI and Machine Learning, and Mathematics.

Experience:

Biorepository Associate III

The Broad Institute of MIT and Harvard, Cambridge, MA

February, 2021- Present

- Automated Turn-around time Data Visualizations for SRS Team presentations using Python and JMP programming combined into a single pipeline.
- Automated SRS sample consolidation throughput and remaining sample count calculations using Python. These calculations were presented daily for supervisors.
- Utilizing Excel and Tableau to create robofiles for XL-20 Robot to complete consolidation process
- Create TaT data visualizations in JMP for Samples Lab team
- Troubleshooting and reporting technical issues with LIMS systems
- Use strong creative and critical thinking skills to locate orphaned and lost samples
- Complete sample consolidation requests
- Complete freezer preventative maintenance, calibration, validation, and initial installation processes
- Complete sample external plating and sample destruction requests

Education:

High School Diploma

Haverhill High School, Haverhill, MA

September, 2010 - May, 2014

Vocational Degree

Whittier Regional Vocational Technical High School

Telecommunications

September, 2010 - December, 2012

Bachelor's Degree (In Progress)

Harvard University

Computer Science and Math

January, 2023 - Present (Expected Graduation: 2028)

Skills:

- AI and Machine Learning Fundamentals
- Data Engineering with Python
- Data Visualization with Python
- Programming with Python
- Data warehousing and management using PostgreSQL and SQLite
- Creating Data tables and spreadsheets in Excel
- Constructing queries using PostgreSQL,MySQL, and SQLite
- Cloud Computing Fundamentals using Azure, AWS, and Google Cloud
- Using data to create visualizations in Tableau
- Data Visualization using JMP
- Data cleaning and preparation using LabOpsJira and JQL

Achievements/Awards:

- Promoted three times in two years at The Broad Institute of MIT and Harvard from Accessioning Technician I to Biorepository Technician III
- Holds many certifications in Data Science from online resources such as DataCamp, Codecademy, and EdX
- Completed certification tracks in Data Visualization, Data Engineering, Python Programming, and AI Fundamentals from Datacamp (online learning resource)