

# Isaac Naim

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## SKILLS

**Skills:** Data modeling, analysis, wrangling, and visualization (Python, SQL, Power BI, Tableau); automation and scripting (VS Code, JupyterLab, Python); database management and ETL (SQL Server, SSMS); BI dashboard development and monitoring (Power BI, Tableau); Source and version control (Git, Azure DevOps)

## WORK EXPERIENCE

### **New York Presbyterian | New York, NY**

#### Data Engineer

Nov 2024-May 2025

- Built pipelines from APIs of software like Sprinklr and wrangled into on prem data marts
- Responsible for periodic on call duty to Monitor Jupiter database server activity and uptime
- Replicated tables from various source marts into company data marts

#### Business Intelligence Analyst

July 2023-Nov 2024

- Developed Power BI Dashboards using Git version control for executives
- Created Python network app connecting Tableau server API with SQL server to monitor data import schedule
- Reverse engineered hospital KPIs via base logic investigation with patient encounter tables on the SQL databases
- Wrote and debugged efficient, complex, structured SQL statements and joins on large hospital datasets

### **ProteanTecs | Tel Aviv, Israel**

May-Aug 2022

#### Data Analysis Engineer

- Python Scripting to transform/clean STDF databases into company custom PUDF format
- JMP analysis for anomalous electrical trend detection for intra circuit Agent characteristics
- Wrote Python Selenium script to automate manual QA of customer Tableau platforms, eliminating 3hr periodic test

### **Northeastern University | Boston, MA**

Jun-Dec 2021

#### Research Assistant – ALERT, College of Engineering

- Developed and Debugged python and MATLAB models for determining body contour images for threat object detection using Smiths 10-40 Ghz wideband millimeter wave radar based on scattering off dielectric

### **Centrak | Newtown, PA**

Apr-Aug 2020

#### Programming Internship

- Developed algorithms for the analysis and classification of problematic medical equipment and staff location data within hospital RFID and RTLS (real time locating system) tag data sourced from raw BLE sensor data

## EDUCATION

### **Northeastern University | Boston, MA**

#### Master of Science in Data Analytics Engineering

Aug 2021-May 2023

- **GPA:** 3.7/4.0
- **Masters Project:** Prediction of Unnecessary ICU patient transfer from ED using MIMIC clinical database
- **Relevant Courses:** Data Management for Analytics, Data Mining in Engineering, Economic Decision Making, Computation and Visualization, Statistical Methods in Engineering, Deterministic Operations Research

#### Bachelor of Science in Electrical Engineering.

Aug 2018-May 2022

- **GPA:** 3.7/4.0; SAT: 1560/1600
- **Relevant Courses:** Numerical Methods and Computation, Noise and Stochastic Processes, Fundamentals of Engineering Algorithms, Fundamentals of Electronics, Fundamentals of Linear Systems