MARY ANNA KIVENSON

OPERATIONS ANALYST | BROOKLYN, NY

@ mkivenson.github.io github.com/mkivenson linkedin.com/in/mkivenson 646-725-4829 mkivenson@gmail.com

EXPERIENCE

Operations Analyst

Con Edison

Sep 2018 - Ongoing New York, NY

- Provides operational support for the implementation of various Energy Efficiency and Demand Management programs.
- Uses R and Python to clean/prepare data for dashboard creation and reporting requests.
- Creates reports and dashboards in Salesforce and Power BI to track program status and make project payments.
- Reviews over 20 million dollars of invoice payments across the various programs in the department.
- Develops savings, expenditure, and forecast tracking reports for the Commercial Direct Install Program.
- Reconciles data discrepancies in project savings and incentive reports from external vendors.

Analyst Aide

Con Edison

Jul 2014 - Aug 2018 Brooklyn, NY

- Used Tableau to create dashboards, blend data, and track project KPIs.
- Optimized field visit scheduling by creating and managing interactive Tableau dashboards for work planning.
- Automated existing Project Management System Summary reporting using formulas and macros in Excel.
- Provided the department with weekly reporting, database maintenance, and presentation materials.

Physics Research Assistant

Brooklyn College

Jan 2016 – Jun 2016 Brooklyn, NY

- Researched the thermodynamics of binary aqueous solutions with the use of molecular dynamics simulations.
- Executed C++ molecular dynamics simulations using the CUNY High Performance Computing Center.
- Graphed and analyzed relationships between properties of solutions using a 2D plotting program.
- Collected corresponding experimental data points and calculations from similar publications and databases.

PROJECTS

- Stock Performance Shiny Dashboard: Shiny application that utilizes trading data, news article, search trend, and forecasting APIs to create an interactive performance overview for any stock input.
- Power Consumption Forecasting: Python project using household power consumption data to perform descriptive analysis and univariate time series forecasting (with the SARIMA and Prophet algorithms).

EDUCATION

M.S. Data Science

CUNY School of Professional Studies

2019 - 2020 New York, NY

- 4.00 GPA
- **Coursework**: Advanced Programming Techniques, Data Acquisition and Management, Statistics for Data Science

B.S. Applied Mathematics

Brooklyn College

2015 - 2017 Brooklyn, NY

- Macaulay Honors Student, 3.53 GPA
- **Thesis:** Analyzing Internal Migration Using Centrality Measures
- **Honors Coursework**: Mathematical Modeling, Probability and Statistics, Advanced Calculus, Numerical Analysis

SKILLS

Programming Languages

- R
- Python
- SQL

Reporting Tools

- Tableau
- Power BI
- Salesforce
- Shiny

Microsoft Office

- Excel
- Word
- PowerPoint
- SharePoint