Mallory McBee

121 S 11th Street
Pittsburgh, PA 15203
(440) 319-6684
mallorymcbee@gmail.com

Data Scientist experienced in natural language processing with Python. Over three years of experience collecting, cleaning, analyzing, and modeling large datasets. Skilled in communicating business insight through statistics and data visualization.

EXPERIENCE

PNC Bank, Pittsburgh, PA — *Data Scientist*

May 2022 - PRESENT

Data Scientist on an analytics team for the Office of the Customer. Created notebooks for analysts to search text in complaints or phone calls. Developed machine learning models trained from open text fields and structured data which prioritized complaints based on multiple specific compliance regulations. Established multiple processes for the department including code versioning, daily tokenization of text fields in calls and complaints, and file management.

UPMC Shadyside, Pittsburgh, PA — *Medical Laboratory Scientist*

March 2021 - May 2022

Conducted laboratory testing in an urban hospital setting. Performed hematology, urinalysis, and coagulation testing. Assisted with bone marrow biopsies at the bedside.

Cleveland Clinic, Cleveland, OH — *Medical Technologist*

June 2017 - August 2020

Conducted laboratory testing in a very fast paced environment for a huge population of patients. Analyzed incident report data and presented results to the Medical Directors of the lab to inform them of the types of errors that happen most often.

EDUCATION

Eastern University, St Davids, PA — *Master's Degree*

October 2020 - December 2021

Master of Science in Data Science

West Virginia University, Morgantown, WV — *Bachelor's Degree*

August 2013 - May 2017

Bachelor of Science in Medical Laboratory Science

SKILLS

Python, R, SQL, Git, Pandas, PySpark, NLP, Topic Modelling, LDA, XGBoost, spaCy, umap

Excel, Tableau

JupyterLab, Hadoop, Hue, BitBucket, Cloudera Data Science Workbench

WEBSITE

malmcb.github.io

PROJECTS

School: Food Desert Analysis for the greater Pittsburgh region

Work: XGBoost models which rank order complaints. Emerging topic model which found new topics from complaints when compared to the previous year. Anomaly detection from text to find new phrases compared to previous data. One of 10 judges for an internal hackathon.