### Mike Kutilek

Data Scientist

makutilek@gmail.com 🔀

412-638-9880

Pittsburgh (

www.mikekutilek.com

github.com/mikekutilek []

Data Engineer proficient in statistical analysis eager to take the plunge into the world of Data Science

### **WORK EXPERIENCE**

### Data Engineer

Highmark Inc.

Insurance company in Pittsburgh, PA

- Achievements/Tasks

- Creating data pipelines with PySpark to move member data from legacy source systems to Hadoop environments
- Working closely with a team of Data Engineers to add routes to a Data API

### Software Developer

### Management Science Associates

05/2016 – 02/2019 Pittsburgh

Private data company focused on providing Big Data solutions

- Achievements/Tasks
- Developing data driven tools within a monitoring portal to better track and notify the status of the system
- Utilizing APIs to inspect analytical patterns within system data and write the data out to a custom API
- Pulling subsets of data from Hive/Redshift tables to generate reports/graphs using SQL and Matplotlib
- Deploying code and kicking off long running jobs within Hadoop environments
- Collaborating in an Agile/Scrum environment with a focus on better communication within dev and qa teams
- Implementing and maintaining code and deployment standards for source and version control

#### **EDUCATION**

## Al Programming with Python Nanodegree Udacity

05/2019 - 08/2019

Projects

 Neural Network Image Classifier

# **BS in Computer Science**University of Pittsburgh

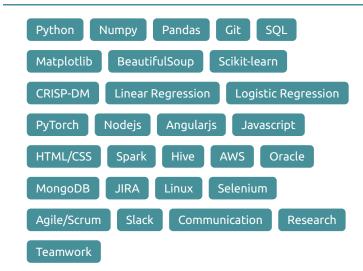
08/2014 - 12/2016

Courses

- Software Engineering
- Artificial Intelligence
- Calculus

- Database Mgmt Systems
- Operating Systems
- Linear Algebra

### **SKILLS**



### PERSONAL PROJECTS

Personal Website (06/2018)

 Portfolio Website showcasing a series of Pandas driven statistical analysis projects backed by a MongoDB data warehouse with a front end built in NodeJS

Neural Network Image Classifier (05/2019 – 08/2019) ☑

 Part of Udacity course listed below. Built using a Logistic Regression model & PyTorch

MLB WAR Model (06/2018 – Present)

 Simple linear regression model aimed at Team & Player WAR ratings to better predict future team success and player performance.

### **ACHIEVEMENTS**

Slack Initiative (07/2018 – 02/2019)

Directed the effort to use Slack across our project at MSA

Standardized Deployment Process (07/2018 – 02/2019)

Reduced excess work for scrum teams and better met audit requirements

#### INTERESTS

Photography Reading Running Data Science

Machine Learning