

# Mike Kutilek

Data Engineer

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Pittsburgh

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Data Engineer proficient in Python and SQL eager to learn new skills and develop data driven solutions

## WORK EXPERIENCE

### Data Engineer Highmark Inc.

02/2019 – Present

Insurance company in Pittsburgh, PA

#### Achievements/Tasks

- Creating data pipelines to move member data from legacy source systems to next gen 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 trends 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 Python
- 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

### AI Programming with Python Nanodegree Udacity

05/2019 – 08/2019

#### Projects

- 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

Git

SQL

Python

Numpy

Pandas

Matplotlib

BeautifulSoup

PyTorch

REST APIs

Nodejs

Angularjs

Javascript

HTML/CSS

Spark

Hive

AWS

Oracle

MongoDB

JIRA

Linux

Windows

Selenium

Agile/Scrum

Slack

Microsoft Office

Communication

Research

Teamwork

## PERSONAL PROJECTS

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

- Part of Udacity course

### MLB/NFL/NHL Web Scrapers (06/2018 – Present)

- Series of web scrapers pulling data from various MLB/NFL/NHL sources and combining into a Mongo Atlas database

### Personal Website (06/2018 – Present)

- Portfolio Website

## ACHIEVEMENTS

### Slack Initiative (07/2018 – Present)

Directed the effort to use Slack across our project at MSA

### Improved Deployment Process (07/2018 – Present)

Reduced excess work for scrum teams and better met audit requirements

## INTERESTS

Photography

Reading

Running

Data Science

Machine Learning