


Michael Francis Vertuli



Software Engineer

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Experience

Factual

March 2019 - Present

Software Engineer

Built critical Spark pipelines integrated with Hive and AWS and automated with Airflow.

Put machine learning models into production with spark.ml.

Wrote data science investigations including assessing quality of potential data vendors.

Hacked together various internal tools and Django front ends for company-wide use.

Newton China

July 2011 - June 2016

Founder and CEO

Founded and led a ten-person team advising students aiming to study in the U.S.

Developed tools to scrape and clean admissions data for staff and students.

Provided free service to disadvantaged students and raised funds for local charities.

Education

Pennsylvania State University

2004 - 2008

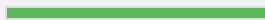
Bachelor

Physics

Skills

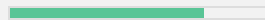
Python

Master



Scala

Advanced



Apache Airflow

django

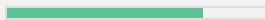
scikit-learn

spark

spark.ml

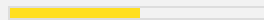
SQL

Advanced



AWS

Intermediate



Apache Hive

postgres

AWS RDS

CloudFormation

SAM CLI

API Gateway