MATTHEW D. CONFLITTI

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Summary

A critical thinker and problem-solver looking to utilize data science and machine learning techniques to develop software solutions for core problems plaguing this world. Personally driven by faith and servitude. Thoroughly enjoys working with effective and enthusiastic teams driven by mission. Utilizes a student mindset to constantly learn new information and tools within the industry and other areas.

Relevant Skills

- 3+ years of Python data analysis and ML
- Spark, Databricks, ETL/ELT, Docker, Azure
- 3+ years of experience with
  - machine learning algorithms (supervised/unsupervised)
  - statistical modeling and forecasting
  - neural networks
  - natural language processing
  - data transformation

- Data collection/web scraping
- 5+ combined years in Java, C#, SQL
- Network analysis
- Working with structured/unstructured databases
- Comfortable in Agile/Scrum development process
- Excellent interpersonal communication skills
- Excellent problem solver
- Flutter, Vue, React/ReactNative

Work Experience

Rutherford & Associates – Lead Data Scientist   October 2018 to Present

Lead data scientist for multiple intelligent system initiatives. In charge of turning data into insights. Applies mathematical, statistical, and programmatical skills to develop data-driven solutions within cutting-edge Azure cloud environments. Responsibilities include prototyping/testing models and deploying them into ETL pipelines.

Carmony – Chief Data Officer   November 2017 to January 2019

Director of data science and analytics team and generating the core data product. Used Python to create predictive models of user behavior and vehicle classification for matching users to the best vehicle for them. Local startup.

KPMG – Data Science and KTech Developer Intern   June 2018 to Sept 2018

Core component to effective team that developed a proof-of-concept product that utilized linear algebra and ML models to effectively answer questions via chatbot. Developed core accounting advisory tool on team in Java Spring framework. Implemented a Vue web app as a frontend to portray the product as a proof-of-concept.

SalesPad – Desktop Product Custom Team Intern   May 2017 to July 2017

Developed custom add-on and modified solutions in C# for customers using the SalesPad software.

BluJay Solutions – Web App Developer/Adv. Optimization Team Intern   May 2016 to Oct 2016

Developed and maintained transportation management software for 100+ companies across the US to logistically plan their shipments of product

Education

Udacity – Data Scientist Coursework   Jan 2019 to April 2019
Udemy – Coursework and tutorials on numerous topics to stay up-to-date   June 2017 to Present
Grand Valley State University – **Computer Science** and **Mathematics**   Sept 2014 to April 2018

Accomplishments & Projects

Mathematics Capstone – Network Science Research of Graph Centrality
Startup Weekend – Developed React Native POC; our team won the contest
Carmony – Local startup company; developed data processing pipeline
LakerCatholic – President; led college organization for Catholic students on campus