Zack Drescher

Data Scientist and Programmer. Driven to develop analytical capabilities that have a positive impact on people's lives and to make understanding of these capabilities available to all. *Seek first to understand.*

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EXPERIENCE

Steelcase Inc., Grand Rapids, MI — *Advanced Analyst*

May 2016 - Present

Worked on Applied Data Science, a group in Steelcase IT organization tasked with delivering and developing analytics capabilities for the company. Specifically, focused on Smart and Connected and Digital Transformation initiatives. Started supporting remotely from New York in May 2019.

EDUCATION

Grand Valley State University, Allendale, MI — *Bachelors of Science*

September 2012 - May 2017

Majored in Statistics with minors in Computer Science and Data Science

PROJECTS

Real-Time Presence Estimation — *Lead Modeler*

Design algorithms for presence reporting in near real-time application. Evaluate accuracy of previous models. Defined framework for mining features out of sparse sensor data.

Model Development Platform — *System Engineer and Developer*

Helped select and implement *Azure Machine Learning Services* and *Azure Databricks* as a platform for training and deploying models. Collaborated with Infrastructure and DevOps teams and delivered results and implications to stakeholders. Wrote documentation and tutorials for leveraging the platform as well coaching new users to use it.

Quote Automation NLP System —*Lead Modeler*

Parse and tokenize raw text into a representation for a language model that leveraged Latent Semantic Indexing and a Multi Task Neural Network to classify types of engineering required for custom furniture solutions.

SKILLS

Experienced in **data engineering, visualization, machine learning, deep learning** and **model deployment techniques**. Completed **Deep Learning Specialization.**

Vast programming experience in **Python, R, TensorFlow, Linux, powershell, Azure, GitHub, Azure DevOps, Docker, Spark** and **Hadoop.**

ACHIEVEMENTS

Speaker and Organizer at the **Big Data Ignite** conference.

Lead *Expansive Technologies* group tasked with exploring and promoting new methods and technology.

Volunteered providing reading tutoring for first graders and cleaning Grand Rapids.

Authored and **maintained** a **python library** for analyzing sensor data.

Worked in many roles on **Agile** teams including Developer, Analyst and Product Owner.

Dean's List 7 out of 8 semester at GVSU.

REFERENCES AVAILABLE UPON REQUEST