Carl J. Klein

Personal Website
LinkedIn
GitHub

Career Experience

Parker, Smith & Feek   **2018 - 2023**
Benefits Data Analyst

Provided analytical insights and financial reports to multiple clients.

- Updated and monitored financial and health data used in conducting analyses to identify trends, discrepancies, and produce recommendations.
- Leveraged findings during the renewal process and utilized data to negotiate premiums with insurance carriers.
- Communicated key metrics and statistics by preparing and presenting periodic reports for clients.
- Automated internal tasks by creating VBA macros and scripts.

Education

Master of Science, Data Science (MSDS)   **2023 - Current**

University of Colorado, Boulder
Expected Graduation 2025

Bachelor of Arts in Mathematics, Minor in Applied Mathematics   **2013 - 2017**

University of Washington, Seattle
Graduated 2017

Certifications

Data Science Nanodegree, Udacity   **2023**

Gained real-world data science experience with curriculum and projects designed by industry experts.

- Used Python across many data science topics, while utilizing Git to document the progress.
- Object Oriented Programming and Web Development.
- ETL Pipelines, Natural Language Processing, and Machine Learning Pipelines.
- A/B Testing and Recommendation Engines.

Projects

Bias in Facial Classification Machine Learning Models

Worked collaboratively with a team to create an exploratory and statistical analysis on the biases prevalent in facial recognition machine learning models.

- GitHub
- Website

Natural Language Processing with Articles

Created an NLP model which attempted to predict the publisher given a news article.

- GitHub
- Medium Article

Disaster Response Dashboard

Created a pipeline which classifies messages from various sources during an emergency, and deployed the final model to Flask web application.

- GitHub

Technical Proficiencies

Excel	VBA	Python	R
SQL	Git	LaTeX	Quarto