Dominik Huffield

LinkedIn | *Portfolio* | *GitHub*

Summary

Resourceful data and technology professional with expertise in statistical model development and scalable data storage. Skilled in utilizing machine learning to yield useful signal from large data sets. Engaged and selfless collaborator focused on team goals and success. Determined and creative problem solver. Constant learner.

Skills

Languages:	Python, Java
Statistics:	Hypothesis Testing, Confidence Intervals, Bayesian Inference, MLE
Mathematics:	Multivariate Calculus, Graph Theory, Linear Algebra
Machine Learning:	Sigmoid, OLS, PCA, t-SNE, Time-Series-Decomposition, Gradient-Descent
Neural Networks:	RNN, CNN, LSTM, CNN-LSTM, ConvLSTM, Conv3D, TFT
Libraries:	numpy, pandas, SciPy, scikit-learn, Keras, TensorFlow, PyTorch
Data Storage:	Redis, SQL, NoSQL, MongoDB
Cloud:	GCP Architect, AWS (Sagemaker, EC2, ECS), Digital Ocean, Docker

Experience

Data Scientist | *Cybraics* | *Remote* *12 months*
- Designed and engineered a scalable data pipeline to update commercially released product. This increased supportable client base by 100x and enabled company to initiate aggressive sales campaign.
- End-to-end creation of deep learning model to identify phishing domains. Designed federated learning model for future deployment that included flexibility for ongoing iteration and optimization based on client feedback and case resolution. Worked with internal team and end customer for deployment, dramatically improving network safety and customer satisfaction.
- Reduced friction in product growth by modularizing and documenting code, improving architectural flexibility and accelerating code debugging and maintenance.
- Member of team responsible for training and mentoring junior staff.

Cloud Engineer | *HCL Technologies* | *Sacramento, CA* *8 months*
- Member of team ramping up migration of monolithic applications to the cloud for businesses inside Google ecosystem. Project scope included transfer of on-premise legacy software to modern architecture improved business flexibility and increased revenue.

Backend Developer | *Prismatik AI* | *Boise, ID* *4 months*
- Worked closely with UI developer to gather user data and model customer behavior with respect to customer engagement and sales conversion probability. Expanded understanding of product deficiency and worked with management team to rescope engineering effort. Developed plans for product updates and A/B testing for measuring improvements resulting from project.

Education

Associate Cloud Engineer | Certification | *Google Cloud* *2022-2024*

Business and Economic Analytics | B.S. | *Boise State University* *2015-2020*