Summary

Research scientist with over 6 years of work experience in a world class research environment leveraging machine learning and advanced analytics
Track record of writing white papers, peer-reviewed applied machine learning articles, and proposals
Developing machine learning models using various techniques, from problem concept,
target creation, data analysis and exploration, feature engineering, model optimization, and evaluation
Communicating data-driven insights, model results, and complex subjects to key business stakeholders
Ph.D. in geophysics
Reviewer of several top tier academic journals, including Computers & Geosciences, Computational Geosciences, IEEE Transactions on Geoscience and Remote Sensing, Geology, Journal of Geophysics and Engineering
Effective communication skills for complex subjects, demonstrated via seminar presentations,
scientific and outreach writing and lecturing mathematics and statistics
Specialties:
* Deep Learning/Neural Networks (TensorFlow | Keras | Image Processing with CNNs)
* Unsupervised Learning (K-Means | Clustering | PCA)
* Linear & Logistic Regression (Scikit-Learn),
* Data Processing & Visualization (Pandas | Matplotlib | Bokeh| Altair)