Mickey Warner

Lehi, Utah — (909) 234-0154 — mickey.a.warner@gmail.com
github.com/mickwar — linkedin.com/in/mickey-warner

EXPERIENCE

DATA ANALYST — May 2018–Present

Boostability

Developed the infrastructure for doing machine learning at Boostability by combining SQL, Python, R, and AWS for data extraction, data manipulation, and model training and deployment, all done automatically via GNU make and cron.

Worked with the product and development teams to allow the business to make data-driven decisions to enhance the customer experience, either through the quality of the product delivered or through retention efforts.

DATA SCIENCE INTERN — Jun–Sep 2016

Lawrence Livermore National Laboratory

Collaborated with climate scientists to study rare occurrences of extreme weather found in climate model simulations.

DATA SCIENCE INTERN — May–Sep 2015

Lawrence Livermore National Laboratory

Worked with material scientists in fitting Bayesian hierarchical models to stress-strain curve simulations.

EXPERTISE

STATISTICS & MACHINE LEARNING

- anomaly detection
- Bayesian methods
- classification
- clustering
- cross-validation
- extreme values
- GLMs
- gradient boosting
- model deployment
- multivariate
- neural networks
- parallelization
- random forest
- regression
- regularization
- spatial
- stacking
- stochastic processes
- supervised, unsupervised, and semi-supervised learning
- survival analysis
- variable selection

PROGRAMMING

- AWS (1)
- Bash (6)
- Docker (1)
- Git (6)
- Keras (2)
- LaTeX (7)
- Linux (6)
- Python (2)
- R (7)
- SQL (1)
- TensorFlow (2)

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ 2015–2018

M.S., Statistics and Applied Mathematics

Thesis: *Comparison and Assessment of the Extremes of Different Types of Climate Model Simulations*

BRIGHAM YOUNG UNIVERSITY 2009–2015

M.S. & B.S., Statistics, minor in Mathematics

Thesis: *Gaussian Process Modeling of Modern Mass Spectrometry Computer Experimental Data*