Mickey Warner

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

PROGRAMMING

AWS	Docker	Keras	Python
Bash	Git	LaTeX	R
C/C++	JAGS/WinBUGS	Linux	SQL
cron	Julia	MATLAB	TensorFlow

EDUCATION | **UNIVERSITY OF CALIFORNIA, SANTA CRUZ**   2015–2018

M.S., Statistics and Applied Mathematics

BRIGHAM YOUNG UNIVERSITY   2009–2015

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