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○ sjh226

Steve Harshman
DATA SCIENTIST | DENVER, COLORADO

SKILLS

PROGRAMMING

Python (Pandas, NumPy, SciPy, SciKit Learn, Matplotlib, Flask, pymc3) / SQL / PostgreSQL / MongoDB / Linux / Git / Github

DATA SCIENCE & MACHINE LEARNING

Exploratory Data Analysis / Data Munging / Web Scraping / Bayesian & Frequentist Statistics / Regression / Regularization / Neural Networks / Principle Component Analysis / K-Nearest Neighbors / Random Forests / Gradient Boosting / Singular Value Decomposition / Support Vector Machines / K-Means / Hierarchical Clustering

BIG DATA

Hadoop / MapReduce / AWS

HONORS & CLUBS

Cornell U. College of Engineering Dean's List / Member of the American Meteorology Society / Cornell Outing Club / Varsity Track and Field / Dilmun Hill Student Farm Steering Committee

PROJECTS

Galvanize | Capstone Project

Trained a Gaussian Process model on 20 years of weather observations from Denver International Airport through AWS to predict local climate change. Employed supervised learning techniques to impute sparse features. App hosted through Heroku.

EDUCATION

Galvanize | Data Science Immersive
June 2017
- applied advanced machine learning and statistical methods to real world data sets
- analyzed ride sharing data to predict churn
- built a recommender through pymc3 to predict top movies for any user

Galvanize | Data Science Fundamentals
March 2017
- introduction to OOP with Python
- gained familiarity with popular data science libraries

Cornell University | Atmospheric Science, B.S.
January 2014
- created weekly local weather forecasts
- modeled chemical dispersion in the atmosphere
- conducted daily observations and equipment maintenance at university weather station

EXPERIENCE

Cornell IRIS | Student Assistant
2013
- utilized ArcGIS mapping software for business and ecological zoning
- interpreted aerial photographs for use in our database

Mount Washington Observatory | Summit Intern
2012
- interpreted GFS and NAM weather models for daily forecasts
- analyzed and maintained the observatory's climate database
- performed maintenance on remote sensory equipment

4 Noses Brewing Co | Brewer/Packaging Manager
May 2016 - March 2017
- built brewing laboratory on a limited budget to monitor yeast viability
- managed an employee on both brewing and production processes to promote self-sufficiency

Boulder Beer Co | Brewer
October 2014 - May 2016
- designed and led a course on brewing science, advocating for employees in all departments to understand recipe development