STUART KING

Data Scientist

CONTACT

- Denver, CO
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- github.com/stuart-d-king

TECHNICAL SKILLS

Programming:
Python (NumPy, Pandas, SciPy.stats, SciKit Learn, Keras)

Databases:
PostgreSQL, MongoDB

Systems Programming:
OSX, Bash, Git, AWS

Data Science & Machine Learning:
Web Scraping, Bayesian and Frequentist Statistics, Regression, Cross Validation, Regularization, Random Forests, Boosting, SVM, Neural Networks, Natural Language Processing, Clustering, Dimensionality Reduction, Matrix Factorization

Visualizations:
EDA, Matplotlib, Tableau, Folium

PUBLICATIONS

"Same Strategy, Different Results: Import Substitution and Export-Oriented Industrialization in East Asia and Latin America" (210-229). "Testing the Heckscher-Olin Theorem: Bilateral Trade Between South Africa and Zimbabwe" (297-314). *International Economic Development: Theories, models & case studies of countries leading the change.* Ed. Kishore G. Kulkarni. New Delhi: Matrix Publishers, 2010.

PROJECTS

Microgrid Customer Segmentation
Clustering software simulations to segment HOMER Energy's customers and gather business intelligence (Data Munging, Unsupervised Clustering, Business Analytics, Geospatial Plotting)

Pump it Up: Data Mining the Water Table in Tanzania
Predicting water point functionality in Tanzania (Exploratory Data Analysis, Ensemble Methods, Neural Networks, Classification)

EDUCATION

Galvanize / Data Science Immersive Program
Denver, CO / June 2017

Galvanize / Data Science Fundamentals: Intro to Python
Denver, CO / February 2017

General Assembly / Data Analytics
Washington, DC / June 2016

University of Denver / M.A. in Global Finance, Trade, and Economic Integration
Denver, CO / June 2013

Southern Adventist University / B.B.A. in International Business & A.S. in Accounting
Collegedale, TN / December 2008

WORK EXPERIENCE

Project Manager / Project Management Associate
Chemonics International Inc., Washington, DC / 2013 - 2017

- Developed systems, processes, and tools to optimize financial reporting and improve budget forecasting accuracy for 18 programs with annual sales of more than $50 million.
- Administered project and strategic financial planning to ensure contractual compliance and maximize delivery of development impact for multi-million dollar assistance projects.
- Successfully completed short-term international assignments representing the company to stakeholders.

Community Development Volunteer
United States Peace Corps, Izmail, Ukraine / 2011 - 2013

- Co-founded a business skills training series for art and craft entrepreneurs engaging in online commerce, resulting in 30 new micro-businesses and over $10,000 in gross sales.
- Designed and led implementation of grant-funded community engagement activities.