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), Spark

Databases:
PostgreSQL, MongoDB

Systems Programming:
OSX, Bash, Git, AWS

Data Science & Machine Learning:
Web Scraping, Bayesian and Frequentist Statistics, Regression, Classification, Cross Validation, Regularization, Random Forests, Boosting, Neural Networks, Natural Language Processing, Clustering, 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, structure data, and gather business intelligence (Data Mining, 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

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

Technical Admissions Officer
Galvanize Inc., Denver, CO / 2017 - Present

- Conduct technical interviews of prospective students to evaluate competency in Python programming, SQL, and statistics.

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 entrepreneurs, resulting in 30 new businesses and over $10,000 in gross sales.
- Designed and led implementation of grant-funded community engagement activities.