Jason Muhlenkamp

Remote US-Based Data Scientist

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Overview

Lasting solutions to ambiguous stakeholder needs	Perpetual learning and development to overcome challenges	Intense focus on quality and execution	Successful communication with diverse groups of stakeholders

Based on a foundation of substantial and broad real-world experience with the data science tool kit

Tools

R	Git	RStudio	RMarkdown	Excel	SAS
~71k people reached on stackoverflow.com		Python	SQL	Conda	Docker
Open source contributions to broom, caret, h2o, and PyCharm PerformanceAnalytics packages		Bash Shell		AWS	Google Cloud

Experience

Amobee Senior Manager, Data Scientist (Fully Remote)   2014-Present

Developed and implemented production forecasts for viewership of ITV's online TV content

Created innovative unique reach production forecast methodology for TV ad campaigns

Designed, developed and implemented big data simulation methodology and code to model and report variance of TV ad campaigns

Created and presented modeling and forecasting techniques to external stakeholders ranging from MediaCorp (Singapore), ITV (UK), Fox, ABC, NBC, A&E, GroupM (US)

Routinely rated as a top contributor "leading the way"

Consulting (Fully Remote)   2020

Proposed, designed, researched (R), and deployed (Docker container on Google Cloud) a volatility-based investment strategy within tight budget constraints

Tidal Partners Managing Partner, Research and Operations Analyst (Charlottesville, VA)   2007-2014

Deployed and managed 3 simultaneous investment strategies

Co-developed proprietary quantitative models to analyze market and corporate data

Co-created and maintained automated scheduled systems necessary to execute quantitative models

Designed, developed, and managed custom software that trades 100+ securities according to model decisions (in Excel and Excel VBA)

Established and managed internal dynamic website (SAS, HTML, and PHP based)

IBM Business Consultant (Washington, DC)   2005-2007

Implemented data management and report generation processes and re-designed forecast methodology for US air mail volume forecasts

Rated "Top Contributor" among IBM consultants, highest rating earned only by top performers

Education

CFA Charterholder (2013) and Chartered Market Technician (2010)

Miami University, Bachelor of Science in Economics, 2005, summa cum laude

Community

Host family for high school students from Honduras

Keynote speaker for undergraduate post-college seminars

Frequent 5k through marathon+ volunteer and participant