

Brandon Shurick

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SUMMARY OF QUALIFICATIONS

A motivated analytics professional, who recently completed a Master of Information and Data Science from UC Berkeley, with experience utilizing statistical methods and machine learning to extract meaningful insights and create data products from large amounts of customer and operational data.

PROFESSIONAL EXPERIENCE

TRAVELBIRD [AMSTERDAM]

June 2015 - June 2016

Senior BI Engineer (Data Scientist)

- Created and deployed a collaborative filtering algorithm using Apache Spark
 - Developed a product-product similarity matrix which is utilized by the production website
 - Developed a fully-automated e-mail testing solution using Python and Vertica, splitting test and control groups and evaluating results across relevant covariates
 - Created Tableau dashboards for analysis of product AB tests and e-mail experiments
 - Deployed operational performance dashboards for front-line management and employees
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WESTWING GROUP GMBH [MUNICH]

July 2014 - May 2015

Senior DWH/BI Developer

- Measured primary contributors to churn and assisted with development of company strategy for increasing engagement
 - Deployed Vertica data warehouse in place of a legacy MySQL system
 - Automated and improved the quality of many legacy Excel-based data management and reporting systems, replacing them with web interfaces and Tableau dashboards
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T-MOBILE USA [SEATTLE]

May 2012 - June 2014

Senior Engineer, Technology Product Development

- Managed Hadoop cluster with handset performance data for use in analysis projects
 - Created analytical dashboards for exploring and analyzing the performance of devices
 - Designed mobile software product requirements and led product development via managed software development vendor
 - Presented product prototypes to top management to secure program funding
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Senior Business Analyst, Customer Care Finance

July 2010 - May 2012

- Analyzed customer call details and customer care agent performance metrics to uncover insights for management
- Presented analytical discoveries to management in a clear and concise format to assist with operational decision-making
- Measured performance of customer care projects and facilitated the development of business cases to assist the budgeting side of the team with cost-reduction measures

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TECHNICAL TOOLSET

SQL	Python SciPy Stack	Django (Web)	Apache Spark	D3.js
Python	R	MapReduce / MRjob	NoSQL	Gephi

EDUCATION

UNIVERSITY OF CALIFORNIA [BERKELEY]

January 2015 - August 2016

Master of Information and Data Science (MIDS)

Coursework: Storing and Retrieving Data, Experiments and Causal Inference, Applied Machine Learning, Research Design & Applications for Data Analysis, Exploring and Analyzing Data, Fundamentals of Linear Algebra, Fundamentals of Data Structures and Algorithms, Visualizing and Communicating Data, Machine Learning at Scale, Applied Regression and Time Series Analysis, Capstone Course

UNIVERSITY OF WASHINGTON [SEATTLE]

September 2004 - June 2008

Bachelor of Arts in Business Administration with formal options in Finance & Information Systems

Accolades: Annual Dean's List 2007-2008

PROJECTS

- MIDS Capstone Project (<http://goaltick.info>)
- Data Visualization: Moral Reflection for a Better World (moralworldviews.info)
- Data Storage & Retrieval: Streaming Twitter Storage (<http://goo.gl/U3yZvq>)
- Machine Learning at Scale: Criteo Ad Prediction in Apache Spark (<http://goo.gl/N6VUYi>)
- Field Experiment: Video or Text Math Education (<https://goo.gl/e0NfZZ>)