Darin Chatsworth

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Education

Master of Management Information Systems   May 2019
Jon M. Huntsman School of Business, Utah State University   Logan, UT
    GPA: 3.96

Bachelor of Science in Industrial and Organizational Psychology   Apr 2017
Brigham Young University-Idaho   Rexburg, ID
    GPA: 3.85

Tools

Languages:	Python, R, SQL, MDX, VBA, HTML, CSS
Machine Learning:	Regression, Classification, Natural Language Processing, Neural Networks
Database Tools:	Databases, OLTP, Data Warehouses, OLAP, ETL
Technologies:	MS SQL Server (SSIS, SSAS, SSRS), R Studio, Excel, Tableau, SPSS

Projects

Data Science Group Lead   Aug 2017 – May 2018
Business Intelligence Group | Jon M. Huntsman School of Business   Logan, UT
- Saved Fortune 500 computer hardware company $300K up-front and $60K annually by applying machine learning algorithm to predict online customer's purchasing propensity, which is now used in real-time
- Evaluated text of 3,600+ job descriptions and used supervised and unsupervised natural language processing tactics to recommend diverse applicant boosting words for Fortune 500 computer memory solutions company
- Pre-processed and analyzed data sets from selected Utah businesses and instructed team members on ETL, data mining, and visualization by creating tutorials that are now used four classes

Experience

Data Science Intern   May – Aug 2018
Koch Industries   Logan, UT
- Demonstrated efficacy of machine learning applied to commodity trading and human resources while leading Koch Minerals data science team
- Created deep machine learning algorithm using TensorFlow to forecast coal prices one, two, and three months out

Consultant Project Manager   Apr 2016 – Apr 2017
Technical Support Assistant   Logan, UT
- Managed 26-member team on four applied consulting projects, providing insights from experiments; results delivered in online presentations and executive reports.
- Enhanced communication skills by preparing two peer-reviewed publications and 11 conference presentations reporting on research methodologies and topics
- Conducted thorough data analysis to validate the Orphan Improvement Scale to help Orphans' Future in Ukraine track the success of their orphan integration program

Full-Time Volunteer Representative   Apr 2013 – Apr 2015
Non-Profit Organization   Ontario, Canada
- Acquired proficiency in written and spoken Spanish within 7 months
- Prepared and taught regular ethics and communication trainings for 60+ fellow volunteers