Nathan Davis

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Objective: Third year college student looking for an opportunity to broaden my knowledge of analytics and machine learning, while finding new solutions to common problems and allowing rogue and creative thinking to expand boundaries of answers to everyday questions. Future data scientist with three years experience of data management and analysis, and many more of critical thinking, creative problem solving, and strategic planning.

Skills

Technical: Python, C++, SAS, R, Stata, SQL, Postgre, Excel, Unix/Linux, Windows, Tableau, PowerBI, Git, LaTeX, Jupyter, Gephi

Data Science: machine learning, econometrics, statistical methods, data management, visualization, time series

Other: leadership, strategic planning, public speaking, technical writing, creative design process

Experience

Teradata — **San Diego, CA**

Data Science Intern — **May 2017 – August 2017**

- Collecting and analyzing sensor data to build a machine learning system for near real-time prediction of node memory failures in Teradata systems

Krishnan Laboratory, Michigan State University — **East Lansing, MI**

Machine Learning Research Assistant — **March 2017 – Present**

- Research assistant for machine learning and computational genomics in the Krishnan Lab for the Department of Computational Mathematics, Sciences, and Engineering

Kellogg Company — **Battle Creek, MI**

Data Services, IT Global Analytics Support — **June 2016 – May 2017**

- Entrusted with managing IT Analytics interns and creating company-wide programs to teach SAS and data science techniques
- Project lead for redesigning global trade promotions model in SAS that includes hundreds of GBs of data

IT Analytics Intern — **January 2015 – August 2015**

- Created a now in use reporting platform for company overtime hours using SQL and MSBI
- Cleaned and analyzed a hundreds of million row dataset in SAS to classify cost-per-click methods changing company marketing strategy
- Lead on special project that structured and analyzed hundreds of GBs of point-of-sale and trends data in SAS to measure effectiveness of current metrics

Education

Michigan State University — **East Lansing, MI**

B.S. Economics and Statistics — **August 2015 – May 2019**

Minor in computer science and minor in computational modeling. Coursework includes Computations and Machine Learning, Matrix Algebra, Econometrics, Statistical Methods, Discrete Structures, and Macroeconomics. Executive board member, MSU Data Science.