Dominik Huffield

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Summary

Resourceful individual possessing expertise in statistical model development and scalable data storage. Specifically, skilled in scrutinizing large data sets through a combination of architecture and machine learning to yield signal within the engulfing noise.

Education

Boise State University – Boise, ID

- B.S. in Economic Analytics w/Computer Science

Tools

Machine Learning:	Numpy, Pandas, Scikit-Learn, matplotlib, pyplot, Tensorflow
Programming:	Python, Java, C
Data Visualization:	PowerBi, matplotlib, Tableau
Data Storage:	SQL, noSQL, MongoDB, Redis, Hadoop, PySpark

Experience

- **Machine Learning Researcher**
  Boise State University - Boise, ID
  Jan 2019 – Dec 2019
  Collaborate with researchers (Material Science PhD students) to aid their research in bulk metallic glasses, specifically seeking methods of mass production. Operating as the team's data scientist my functional objective was to bolster the team's workflow and agility.
  This objective was achieved by:
  - Constructing visualizations to better understand exploratory results
  - Preforming data cleansing & preprocessing to optimize the quality of models input data
  - Training models to identify alloys with high glass forming abilities

- **Data Analyst**
  Tis The Season LLC - Boise, ID
  Feb 2019 – May 2019
  One of the founding members; 'Tis The Season LLC' seeks to employ students doing miscellaneous tasks for our clientele (e.g. mowing lawns, babysitting, shoveling snow etc). This software at one point was successful enough to have possessed a workforce of nearly 30 individuals. Additionally, we entered this software in the 2019 Idaho Entrepreneurial Competition and procured $7,000 in prize money. Services were provided via the web or on mobile devices via the app store and googles play store.
  Throughout the development of this software my responsibilities included:
  - Manage client/employee data in mySQL database
  - Develop interactive dashboards visualizing analytics
  - Analyze data to make growth projections for financial and market spending
  - Segment client/employee data using clustering techniques