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SUMMARY

I started my academic career studying mathematical sciences with a passion for programming; I switched into data science as I realized just how fascinating data and its analysis is. Highly experienced in working on team projects remote and in person, I have found that I can reach my highest potential on a team. Looking for full time entry-level data science position.

EDUCATION

Bachelor of Science in Data Science, Minor in Mathematical Science, GPA 3.79/4.0, 5/2021
Worcester Polytechnic Institute (WPI), Worcester, MA

TECHNICAL SKILLS

Software: Git, Jupyter Lab, AWS, Tableau Public, Jira, Unix Based OS, Microsoft Excel: StatTools, PrecisionTree
Programming Languages: Python, SQL, R, NodeJS, HTML, CSS, Golang

RELIVANT COURSES

Big Data Analytics, Statistical Learning, Computational Data Intelligence, Machine Learning, Database Systems, and Linear Algebra

EXPERIENCE

Data Scientist | Agency Leads | Manchester, NH (remote) 12/2020 – 1/2021

- Employed NLP and deep neural network to classify job postings on 80,000 records.
- Increased productivity of Lead Geniuses to create agency leads.
- Implemented model into a REST API to allow for integration into internal application.

Researcher Intern | Worcester Polytechnic Institute (WPI) | Worcester, MA 6/2020 – 8/2020

- Collected, mined, architected, and hosted various datasets related to the COVID-19 pandemic.
- Designed and build frontend application to filter and download subset of dataset.
- Wrote Cron jobs to call python scripts daily to automatically collected data to be inserted into database.

Software Engineering Intern | CyberSN | Boston, MA 8/2017 – 1/2020

- Collaborated with development team that utilized rapid development techniques to build Vue.js application.
- Documented coding standards of Blitz to reduce future technical debt and speed up on-boarding process.

Intern | Biscom | Chelmsford, MA 6/2015 – 8/2017

- Queried PostgreSQL database in order to find the story within a large dataset of user usage.
- Visualized results and created a PowerPoint to present to decision-makers and engineering team.

PROJECTS

Major Qualifying Project (MQP) | Dell EMC/WPI | Worcester, MA 9/2020 – Current

- Worked with student team and Dell EMC domain experts.
- Utilized data mining, feature selection, and mathematical modeling in order to flag outliers in log data.
- Automated anomaly detection to speed up failure detection for test engineers.

Project EVE | Florida Institute of Technology (FIT) | Melbourne, FL 1/2020 – 7/2020

- Developed R scripts that cleaned, visualized, and analyzed launch data from test flights.

Statistical Learning | Worcester Polytechnic Institute (WPI) | Worcester, MA 3/2020 – 5/2020

- Used 3 Gb of past seasons data to predict outcome of March Madness.
- Utilized machine learning techniques such as lasso regression, random forest, and neural networks
- Tuned hyperparameters, such as number of trees in forest and nodes in hidden layer to increase accuracy.

Interactive Qualifying Project (IQP) | Xin Foundation/WPI | Hangzhou, China 11/2019 – 12/2019

- Assembled non-bias survey with team asking Chinese students their perception of mental health.
- Worked with students from sponsor university on cultural translation of questions.
- Utilized regression models and infographics to analyze responses for decision makers at sponsor.

LEADERSHIP

Data Science Council | Worcester Polytechnical Institute | Worcester, MA 11/2020 – 5/2021
President | Phi Sigma Kappa Fraternity | Worcester, MA 3/2019 – 10/2019
Secretary | Society of Industrial and Applied Mathematics | Worcester, MA 1/2018 – 4/2018