BRANDON SAMS

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Data Scientist with experience modeling large scale infrastructure, and working on a research and development team.

EDUCATION

Master of Science in Data Science, Bellevue University   **2019 – 2021**

- 3.800 GPA

Bachelor of Science in Mathematics with Minor in Communication, Boise State University   **2013 – 2017**

- Speech and Debate 2-Time National Champion
- 3.59 GPA
- Honors College Graduate

Valedictorian, Mountain Home Senior High School   **2009 – 2013**

CAREER EXPERIENCE

Traffic Technology Services: 2018 - Present

Production Resources Data Scientist / Department Supervisor   **March 2021 - Present**

- Designed, implemented, and documented an automated data pipeline for traffic signal model generation
- Utilized data cleaning methods to ensure model input is complete, accurate, consistent, and uniform

Production Resources Software Developer   **September 2020 - March 2021**

- Utilized machine learning models to infer traffic signal behavior
- Developed software with team using version control (git)

Production Operations Specialist   **August 2018 - September 2020**

- Worked with agencies to establish Traffic Signal Connectivity
- Developed and implemented quality control metrics for traffic signal predictions
- Windows Server System Administration using PowerShell
- MySQL Database Administration

SKILLS

- Object Oriented Programming: C#, Python
- Data Visualization: PowerBI, Tableau, R
- Scripting: Windows Powershell, Bash, Jupyter Notebooks
- Network tracing: Wireshark
- Strong writing, documentation, and speaking skills
- Ability to work cooperatively in a team environment
- Confident with the Microsoft Office Suite of tools, such as Sharepoint, Dynamics, Flow (Power Automate), Excel