

BRANDON SAMS

hirebrandonsams@gmail.com • (208)598-3793 • www.linkedin.com/in/-brandon-sams- • West Valley City, UT

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**

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

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

CAREER EXPERIENCE

Data Scientist/DevOps Engineer at Traffic Technology Services **September 2020 - Present**

- Provided API support for clients using our predictions in their CV2X and Autonomous Vehicle Applications
- Designed, implemented, and documented an automated data pipeline for traffic signal model generation
- Managed Big Data pipelines with performance in mind, such as with a dataset that grew by 2TB/day
- Utilized unsupervised machine learning to cluster circularly distributed statistical data
- Developed automated system for monitoring prediction quality against user experience of drivers near traffic signals
- Led Agile/Scrum processes for R&D team, including standup, sprint planning, and retrospectives
- Promoted a culture of transparency, trust, and continuous improvement with communication and leadership skills
- Worked with agencies to establish connectivity to TTS's on-prem cloud hardware and software
- Managed production rollout of new internal software releases, including installation and bug reporting
- Windows Server system administration using PowerShell to manage hundreds of servers at a time
- MySQL database administration, including backups, load distribution, and cloud application configuration

Seasonal Package Handler at Nordstrom Distribution Center 89 **June 2018 - August 2018**

- Worked with teammates to unload inbound shipments
- Prioritized safety in the workplace
- Efficiently spent time and energy
- Communicated with other to solve problems
- Packed outbound orders for customers and retail stores

AmeriCorps Vista at Idaho Food Bank **June 2016 - August 2016**

- Coordinated 25 teams of more than 50 volunteers to deliver free food to children
- Packed hundreds of lunches each day
- Ensured that program adhered to USDA guidelines for quality
- Filled in for sick/missing volunteers when needed

SKILLS

- Object Oriented and Functional Programming: C#, Python
- Data Visualization: Grafana, PowerBI, Tableau, R
- Scripting: Windows Powershell, Bash, Jupyter Notebooks
- Operating Systems: Confident with software development on/for Linux, Windows, and macOS
- Network tracing: Wireshark
- Strong writing, documentation, and speaking skills especially with regard to Agile
- Ability to work cooperatively in a team environment
- Confident with the Microsoft Office Suite of tools, such as Sharepoint, Dynamics, Flow (Power Automate), Excel

References are available upon request.