

DAWN GALLOWAY

dawn.n.galloway@gmail.com | www.linkedin.com/in/dawnngalloway | dawnngalloway.github.io

Objective

Data science student with certificate in computer science seeking opportunity to apply programming and statistical analysis skills as an intern in a research environment

Experience

Digital Engineering & Data Science Intern

March 2022 - Present

Idaho National Laboratory – Battelle Energy Alliance, LLC

Idaho Falls, Idaho

- Created forecast comparisons in R Markdown with the Forecast, Fable, and FKF packages in R which resulted in an order of magnitude improvement in accuracy
- Made improvements to GUI using Vue2 and Vueplotly
- Created, visualized, and presented Yolov5 experiment project plan

Data Science Project Lead

January 2022 – April 2022

Rexburg Business Development Center for Stotz Equipment

Rexburg, Idaho

- Led team to create R package for client which pulls weather information from Mesonet and crop date from Snowflake to track and predict growing degree units
- Troubleshoot project issues, research resources
- Assign student consultants tasks based on experience and interest

Data Science Consultant

September 2021 - December 2021

Rexburg Business Development Center for Stotz Equipment

Rexburg, Idaho

- Accessed weather API using the RNOA and RNPN packages to predict harvest dates based on crop and planting
- Discovered alternate data source with greater data breadth and predictive data
- Presented findings to client

Data Science Consultant/Co-Project Manager

April 2021 - July 2021

Rexburg Business Development Center

Rexburg, Idaho

- Pulled equipment data from John Deer API to help solve business problem
- Assigned tasks, led discussions, tracked project progress

Data Science Consultant

January 2021 – April 2021

Rexburg Business Development Center

Rexburg, Idaho

- Contributed to Shiny dashboard for STEM occupation webpage for a local college
- Created sample Shiny dashboard for Project Manager

Department Office Assistant

April 2019 - October 2022

Brigham Young University - Idaho

Rexburg, Idaho

- Received an award from the Department Chair for efficiency and contributions
- Hired, trained, and led 3-5 student office employees per semester
- Reduced time on calls by over 50% by redirecting commonly misdirected and generic calls, as well as, increasing visibility of commonly requested information

Skills & Abilities

- R, Shiny, HTML, CSS, GIT, JSON, JavaScript, XML, Tableau, Python, MySQL, Java, C++

Education

Brigham Young University - Idaho

Rexburg, Idaho

B.S. Data Science, - (in progress) 4.0 GPA

Expected July 2024

- Computer Science minor (in progress)

Data Science Certificate

April 2021

Programming-Computer Science Certificate

December 2018