Hyrum Hansen

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EDUCATION:

Dual Bachelor of Science in Political Science & Statistics   May 2022
Minor, Mathematics
Utah State University**,** Logan UT   GPA: 3.96

TECHNICAL SKILLS:

R and RStudio	Java	JavaScript
Python	SAS	HTML/CSS
Scientific Python Stack	Tensorflow	MySQL
Git/GitHub	Pytorch	

PROJECTS:

"Music Genre Classification Using Neural Networks"   Fall 2021
- Designed **Neural Networks** to classify music genre from audio features, compared accuracy with other classification models
- **Feature Extraction** and **Feature Engineering** using Python

"The Effects of Legislative Structure on Policy Outcome"   Spring 2021
- **Exploratory data analysis** and subsequent data **imputation** in R
- **Web scraping** in R for data collection
- Tuned a broad range of **multiple regression** and **machine learning** models for classification, variable selection, and regression

"The Effects of Candidate Demographic on Voter Turnout"   Fall 2019
- OLS regression to assess the effects of race and gender on voter turnout
- Accepted for presentation at the 2020 Midwest Political Science Association conference

WORK EXPERIENCE:

Math/Stats Tutor, AMLC, Utah State University   September 2021 – Present
- Tutors college math and stats courses including calculus 1, 2, & 3, linear algebra, and differential equations.

Hiking Tour Guide, Walk Denali   May 2021 – August 2021
- Practiced strong communication skills as a science educator and naturalist

Campaign Intern, Gay Lynn Bennion, HR 46   May 2020 – Present
- Independently learned **HTML, CSS,** and **JavaScript**
- Re-built the campaign website from scratch improving responsiveness and aesthetic
- Community outreach through digital canvassing

COMMUNITY ENGAGEMENT:

Political Engagement Chair, Student Organization for Society and Natural Resources
Volunteer, Utah State Student Organic Farm
Actor, Cache Theater Company
Member, Cache Valley Sangha