

Daniel Cavazos

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Summary of Qualifications

- Student at the University of Washington iSchool studying Informatics with a focus in Data Science.
- Interested in making meaningful insights through exploratory data analysis, hypothesis testing, and machine learning.
- **Data Science Skills:** machine learning, exploratory data analysis, linear regression
- **Languages:** Python, R, SQL, MATLAB/Octave, JavaScript

Education

University of Washington, Information School

Sep. 2019 – Est. Jun. 2023

Bachelor of Science in Informatics – Focus: Data Science; Minor in Statistics

- UW Grade Point Average – 3.79
- Relevant Coursework: Core/Advanced Methods in Data Science, Statistical Computing, Applied Linear Algebra and Numerical Analysis, Professional and Technical Writing

Work Experience

University of Washington, Information School, Teaching Assistant

Sep. 2021 – Present

- Taught INFO 290 (Orientation to Informatics) to an average of 170 students.
- Updated, published, and maintained the course Canvas website.
- Hosted special sessions to explain Data Science concepts to new Informatics admits.
- Worked with the professor and two other TAs to create a series of assignments centered on teamwork.

K&J Accounting, Administrative Assistant

May. 2019 – Sep. 2019

- Managed calls and interactions with an average of 5 clients a day.
- Entered clients financial and sales data into relevant systems.
- Revised and created Microsoft Excel templates used by the Office Manager.

Activities

WINFO Hackathon

- Hackathon dedicated to designing for a wide array of issues to emphasize innovation and equity.
- Jan 2020 “Driven by Difference”: Scrap Share
 - Worked with 3 teammates to design an app geared towards improving recycling and composting rates within neighborhoods.
- Jan 2021 “Hacking Forward Together”: calc-U-I8r
 - Collaborated with 3 teammates to design a website tailored towards connecting students during online learning.

Projects

Analysis of Misinformation Spread via BuzzFeed Articles on Twitter ([link](#))

- Evaluation of the spread of misinformation in 182 unique BuzzFeed articles posted by 15,260 Twitter users.
- Performed using Python via JupyterLab and several major packages including [pandas](#) (creation and manipulation of dataframes), [matplotlib](#) (visualization of key figures), [sklearn](#) (performance of KMeans Clustering), and [NetworkX](#) (creation and visualization of sparse matrix of Twitter users).

Data Exploration and Visualization of Seattle Housing Permits ([link](#))

- Collaborated with one other teammate to analyze about 35,000 housing permits from the City of Seattle between the years 2017-2021.
- Performed using R via RStudio and major packages such as [tidyr](#) and [dplyr](#) (creation and manipulation of data), as well as [ggplot2](#) (visualization of housing permit figures) and [Leaflet](#) (creation and visualization of interactive map).
- Managed and performed the compilation of each teammate’s section into the final deliverable.