Drake Monfregola

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SKILLS

Software: Tableau, ArcGIS, Rstudio, Microsoft Suite; Word, Excel, Adobe Suite; Photoshop, Illustrator, Premiere Pro
Coding languages: Java, Python, R, HTML

EDUCATION

Bachelor of Science in Data Visualization, University of Washington Bothell   **Expected, June 2025**
- Cumulative GPA 3.95
- Minor in Data Science
- Awarded Dean's List Winter, Autumn, and Spring Quarters 2021

Relevant Coursework: Programming for Data Science, Computer Programming I, Statistics, Advanced Data Visualization, Introduction To Interaction Design, Geographic Information Systems, Network Analysis And Visualization

Digital Scholarship Program, University of Washington Bothell   **April 2022 - Dec 2022**
- Designed the official Digital Scholars program logo
- Attended a spring and autumn 2-credit course to learn entry-level digital skills, including programming, marketing, data analytics, and graphic design

R Tinyverse app: Car Crashes in Seattle, UW Course: Advanced Data Visualization   **Jan 2024 - Mar 2024**
- Coded a web app in RStudio with a team to visualize and categorize Seattle car crashes using data from the Seattle Department of Transportation (SDOT)
- The course goal of our team, was to experiment with different visualization methods and techniques in Rstudio

PROJECTS & RESEARCH

Makerspace Yearly Data Visualizations, University of Washington Bothell   **July 2022**
- Created upwards of 5 graphs in Tableau going over UWB Student check-in data to plan out high-traffic times throughout different time intervals to better plan out events and workshops for the next school year
- Presented data in an easily understood and digestible manner to help my team better understand the conclusions I had made based on Student tracking data by using a mix of PowerPoint and Tableau

Research on the State of the Student Worker, Harry Bridges Center for Labor Studies   **Mar 2024 - June 2024**
- Conducted surveys and interviews through Qualtrics to over 600 employed undergraduate students across the UW campuses asking questions pertaining to their opinions on their work school balance
- Data visualization lead, created graphs using Tableau to better understand the demographics and common trends of UW student workers
- Presented report and academic poster at the UW Seattle annual Undergraduate Research Symposium

Data for Public Good Internship, University of Washington Bothell   **June 2024 - July 2024**
- Worked with LETI a non-profit organization designed to help latinos in need to clean and analyze their 2021 and 2023 datasets
- Constructed a Tableau dashboard and academic report highlighting areas in Washington where LETI members are struggling with food availability

EXPERIENCE

Makerspace Student Staff, University of Washington Bothell   **Jan 2022 - Present**
- Assisted students with advanced laser cutting projects to ensure a greater understanding of operating laser cutting software and hardware.
- Produced marketing assets for the Makerspace brand using Adobe software to increase campus engagement.
- Designed intuitive data visualizations in Tableau for makerspace staff leads to gain valuable insights into the makerspace community and identify opportunities to enhance the makerspace experience.

Marketing and Data Analysis, Snohomish County Legal Services   **June 2022 – August 2022**
- Conducted analysis and formed conclusions in Microsoft Excel based on eviction notice data sets to better understand the rising evictions due to COVID-19
- Designed informational handouts on Adobe software for potential users who needed assistance with civil court legal issues
- Helped clean up datasets and iron out details from legal jargon to digestible statistics in Microsoft Excel to be used for further data analysis