

Priscilla Nguyen

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EDUCATION

University of Washington

Bachelor of Arts in Geography Data Science, Minor in Informatics
Honors: Dean's List 2020, Top 3/60 Projects for Best Impact

Seattle, WA

Sept 2020

WORK EXPERIENCE

University of Washington

IT Accessibility Assistant

Seattle, WA

Oct 2022 - Present

- Used assistive technologies such as VoiceOver, NVDA, and JAWS to assist clients in making their applications accessible to non-visual learners; resulting in increased accessibility and inclusion.
- Managed 3+ collaborative projects with industry leaders such as Workday, Zoom, and Microsoft to assist them in producing an accessible application
- Regularly communicate and collaborate with project leaders and other team members to maintain project goals and quality standards.

Century 21

IT Assistant

Seattle, WA

Jun 2019 - Sept 2020

- Established and maintained an efficient workflow through Google Apps and Microsoft Apps
- Independently organized work set priorities met critical deadlines, and follow procedures
- Prepared and coordinated interviews and onboarding new staff including setting up office equipment

PROJECT EXPERIENCE

CSE 160 Analyzing K-means clustering

Data Analyst

Seattle, WA

Dec 2020

- Implemented k-means clustering to 784-dimensional data points with 10 centroids to identify handwritten numbers in the Modified National Institute of Standards and Technology database (MNIST).
- Use data visualization techniques to present insights and findings in an understandable and compelling way.
- Develop expertise in data preprocessing and cleaning to ensure the quality and reliability of the data and the accuracy of the clustering results.

CSE 163 Search Engine

Data Analyst

Seattle, WA

Feb 2022

- Implemented a search engine algorithm that retrieves the most relevant documents based on user queries.
- Utilized term frequency-inverse document frequency (tf-idf) to identify the most relevant documents in a corpus consisting of many documents.
- Designed a system for indexing and storing large amounts of data for efficient retrieval by the search engine algorithm with a 95% accuracy of detecting the searched word.

Analyzing Bike Infrastructure in Seattle

Data Analyst

Seattle, WA

June 2022

- Utilized various datasets regarding bike infrastructure, including, bike lanes, protected bike paths, and Neighborhood Greenways.
- Integrated Python, pandas, matplotlib, and seaborn into web applications to provide dynamic data visualization to end-users.
- Provided insights and recommendations based on the analysis to help improve bike infrastructure and increase ridership.

LEADERSHIP EXPERIENCE

Women in Informatics (WINFO) Hackathon

UX Designer

Seattle, WA

Dec 2022

- Developed Safety for Students (S4S), a community and collaborative-based app that positively impacts society by addressing college campus safety issues.
- Collaborated with a team of 4 to design and prototype an application using Figma in a 12-hour event.

ASA DataFest

Data Analytics

Seattle, WA

Apr 2023

- Collaborated with a team of 4, to extract insights from a complex dataset within a 48-hour deadline, resulting in winning the Best Visualization prize at ASA DataFest.
- Utilized Rstudio, GGPlot, and Microsoft applications to analyze and visualize data, providing a clear and concise presentation to a panel of judges.
- Employed data wrangling techniques such as data aggregation, filtering, and merging to transform and organize the data into a usable format for analysis and visualization.

ADDITIONAL INFORMATION

Languages: English & Vietnamese

Skills: Microsoft Word, PowerPoint, Excel, Tableau, QGIS, Python, Rstudio, HTML, CSS, Results-driven, Self-motivated, Collaborative, Resourceful, Adaptable, Prioritization, Multitasking, Resilient, Organized