

Derek Steffan

Data scientist with machine learning experience in Python and R, with an emphasis on time-series data and natural language processing.

PROJECTS

Twitch Broadcast Highlighting — *ML, Python, Web Scraping, NLP*

May 2019

Generated automatic highlight reels of popular Twitch broadcasts using natural language processing and time-series anomaly detection.

Gathering Hub — *SQL, Web Scraping*

May 2019

Deployed a PostgreSQL database in a two-day hackathon for an application for finding tech meetups in your area by pulling events from the Meetup.com API and populating the database.

Mount Rainier Disaster Estimate — *Git, Web Scraping*

April 2019

Collaborated with a team to estimate the property damages caused by the lahar flows from a potential eruption of Mount Rainier.

Reddit Classification Analysis — *NLP, ML, Web Scraping*

April 2019

Utilized natural language processing techniques and machine learning to classify threads from two highly correlated subreddits.

EDUCATION

General Assembly, Seattle — *Data Science Immersive Graduate*

February 2019 - May 2019

Applied data analysis and data visualization skills in a 500-hour immersive course. Completed 23 labs and 5 projects, leveraging data science best practices to solve real-world problems, using coding (Python, NumPy, SciPy, Pandas, SciKit-Learn, Git, SQL) and data visualization (Matplotlib, Seaborn).

University of Washington, Seattle — *Undergraduate Studies*

September 2015 - June 2017

Relevant coursework: Beginning and Intermediate Programming, Calculus 1-3, Informatics

WORK EXPERIENCE

Fred Meyer, Auburn — *Retail Associate*

July 2018 - February 2019

Practiced customer service in high-visibility role.

Seattle, WA

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SKILLS

Statistical Modeling

Machine Learning -
Supervised, Unsupervised,
Deep Learning

Data Visualization

Cloud Computing

Natural Language
Processing

Web Scraping

TOOLS

AWS

Python/Anaconda

R/R-Studio

Java

SQL/PostgreSQL

Git