Hunter Feiss
Data Scientist

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Skills

Python	Pandas • NumPy • SciPy-Stats • SciKit-Learn • TensorFlow • PyPI • Matplotlib
Data Science	Bootstrapping • A/B Testing • Bayesian & Frequentest Statistics • Matrix Factorization
Machine Learning	Linear & Logistic Regression • Random Forests • Time-series • Artificial Neural Networks
Clustering & NLP	Topic Modeling • Recommenders • KNN • K-means • Naive Bayes • spaCy • nltk
Big Data & Tools	SQL • Docker • Git & GitHub • MongoDB • AWS • Pypark • Flask • Bash • LaTeX

Projects

Recreation.gov Campground Reservations
Using PySpark, AWS and SQL, the link between distance traveled and length of stay in 30 million camping reservations is explored. Results are visualized with folium animated maps, matplotlib plots and histograms.

American Whitewater Accident Database
ML techniques are used to predict fatalities in whitewater accident reports. NLP, clustering, and topic-modeling illuminate risk factors and mitigation advice for the community, expanding on common knowledge.

Work Experience

Senior Research & Development Brewer
2015 - 2019
Breakside Brewery
Portland, Oregon
- Developed recipes and procedures which increased production capacity by 30%
- Managed the primary R&D brewery and coordinated between departments
- Received multiple promotions and conducted internal audits to ensure quality

Wilderness Trip Leader
2011 - 2015
College Outdoors
Portland, Oregon
- Co-Led groups of 12 students on backcountry expeditions up to 9 days in length
- Managed risk in unpredictable environments and catalyzed positive group dynamics
- Taught technical outdoors skills to peers and updated institutional curriculum

Education

Data Science Immersive
2019 - 2020
Galvanize, inc
Denver, Colorado
- 13 week immersive with 700+ hours of coding, 7 case studies, and 3 capstones
- Python based curriculum focused on ML and real-world best practices

B.A. Physics Major, Mathematics Minor
2011 - 2015
Lewis and Clark
Portland, Oregon
- Committed to diversity, sustainability, and integrating theory with practice
- Cum Laude | Dean's List | Advanced Physics Lab | Studied Abroad

Interests and Activities

I grew up in Montana loving the mountains and open skies. Thanks to the low population density, I flew a plane alone when I was 14 years old - before even driving a car by myself. In Oregon, I discovered rock climbing and whitewater kayaking. I plan to continue both in Colorado, hopefully getting outside more weekends than not.