John Guo

Data Scientist

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I am a data scientist with a background in math and education. I have experience with tackling challenging problems, learning technical topics, and communicating deep ideas in a digestible way. I am looking to apply these skills to draw insights from data.

Skills

Coding: Python, Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Git, Regex, LaTeX,
Machine Learning: regression, regularization, classification, NLP, bagging, boosting
Communication: Zoom, Slack

Experience

Student   Aug 2022 - Nov 2022
General Assembly Data Science Immersive   Remote
- Built linear regression, Ridge, and Lasso models to predict housing prices in Ames, Iowa
- Used logistic regression and decision trees to classify whether a reddit post came from one of two subreddits

Tenure-Track Math Professor   April 2021 - Aug 2022
Seattle Central College   Seattle, Wa
- Taught a variety of math courses ranging from pre-algebra to calculus II
- Created over 100 in-depth online math videos to supplement teaching remotely over Zoom
- Collaborated with faculty to create free resources for students to replace a mandatory supplemental class, reducing the costs for all students by up to $306.92

Part-Time Math Professor   June 2018 - April 2021
Shoreline Community College   Shoreline, WA
- Built corequisite courses with the entire department to condense the math requirements for non-STEM majors.

Education

General Assembly Data Science Immersive   Nov 2022

San Francisco State University
Masters in Mathematics   Aug 2017
Bachelors in Applied Mathematics   May 2015
- Took courses in linear algebra, combinators, probability and statistics, and numerical analysis