ERIK HASSE

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(507) · 995 · 3159

SUMMARY

Data Scientist and Mathematician with a passion for finding patterns. Experience teaching gives strong oral and written communication skills. Enjoys travel and astrophotography.

TECHNICAL SKILLS

Languages	Python, SQL
Python Packages	NumPy, Pandas, SciPy, SciKit-Learn, Streamlit, Matplotlib, Seaborn, TensorFlow, PySpark
Machine Learning	Linear and Logistic Regression, k-Nearest Neighbors, Decision Trees, Gradient Boosting, k-Means Clustering, Neural Networks
Other	Amazon Web Services, Web Scraping, git, Spark, Linear Algebra, LaTeX, vim, Unix Terminal

RELEVANT EXPERIENCE

ettain Group (at Lowe's) — December 2019-Present
Data Scientist — *Mooresville, NC*

· Create and implement time series models to predict sales of thousands of items across 1700 stores
· Develop production ready code using tools such as Pytest, Jenkins, and git
· Support team members by assisting with code quality and developing Python packages to simplify repetitive tasks

Freddie Mac — October 2018-December 2019
Senior Data Scientist — *McLean, VA*

· Analyzed hundreds of gigabytes of behavioral and economic data to ensure data quality
· Assisted with development of models by validating methodology and simplifying feature engineering
· Managed a data governance program to maintain documentation and quality for data in production environments

University of Iowa — August 2013-May 2018
Teaching Assistant — *Iowa City, IA*

· Helped more than 500 students succeed in math courses from remedial to graduate levels
· Developed interpersonal skills via small group tutoring and leading classes of up to 40 students
· Provided accurate and prompt feedback on homework, quizzes, and exams for up to 90 students per semester

EDUCATION

University of Iowa — August 2018
Ph.D. and M.S. in Mathematics — *Iowa City, IA*

North Dakota State University — May 2013
B.S. in Mathematics — *Fargo, ND*
Minor in Computer Science