



Sean Hulseman

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With an academic background in Philosophy and Physics and work experience ranging from food service to teaching high school Physics I am not the usual Data Scientist. I am pursuing a Master's in Data Science at Tufts University and plan to graduate in the summer of 2025, seeking immediate part or full-time employment. I thrive in dynamic environments and take pride in my ability to learn on the job.

SKILLS

Communication · Writing · Python · Machine Learning · Reinforcement Learning · Data Cleaning · Data Visualizations · Exploratory Data Analysis · Technical Risk Analysis · Research · Classification · Regression · Neural Networks · TensorFlow · Pandas · Scikit-Learn · Matplotlib · Tableau · Seaborn · HTML and CSS · Excel · Command Line Interfaces · SQL · R · Git · PySpark

RECENT WORK EXPERIENCE

TUFTS UNIVERSITY, Course Assistant

Jan./2024 - present

- Course assistant to the Graduate level course CS135, **Introduction to Machine Learning**.
- Responsibilities: Helping CS135 students in regular office hours over Zoom, fielding questions on Piazza, grading homework and projects, and working with the lecturer to create or improve assignments.

CANTON HIGH SCHOOL, Teacher, Canton, MA

Dec./2018 - July/2023

Physics, Calculus, Algebra 1 and 2, Robotics, and in the fall of 2021 began teaching Computer Science.

- **Project Lead the Way Computer Science Principles**- Implemented a new project-based computer science curriculum and taught myself Python in preparation for this course. I created a non-traditional standards-based grading system for my classrooms. Successfully petitioned for school committee funding for class laptops.
- **Physics Curriculum Redesign**: Worked on designing a new curriculum to adhere to state standards and incorporate the accumulated materials made by teachers over the years.

GREATER BOSTON TUTORS, Founder, Owner, Tutor, Greater Boston, MA

2014 - 2023

Provided private tutoring services for math, science, SAT/ACT prep, and executive functioning coaching. Daily scheduling, invoicing, and reports for sessions. Unaffiliated 2014-2021. Formed Greater Boston Tutors, LLC in 2021.

DATA SCIENCE EXPERIENCE

TUFTS UNIVERSITY, Data Science Masters

May/2024 - present

- Graduate Courses Completed so far (3.80 GPA): Intro to **Machine Learning**, **Probabilistic Systems Analysis**, **Cyber Security**, **Artificial Intelligence**, and **Reinforcement Learning**
- Graduate Courses Enrolled: **Big Data**, **Data Science Capstone 1**, **Statistics**

GENERAL ASSEMBLY, Data Science Immersive

Sep./2023 - Dec./2023

Completed 500+ hours of expert-led instruction, hands-on projects, labs, and quizzes in Data Science, Statistics, Regression, Classification, Web Scraping APIs, Natural Language Processing, Supervised and Unsupervised Machine Learning, Neural Networks, and SQL.

EDUCATION

Data Science Masters, Tufts University

May/2024-Aug./2025

Data Science Bootcamp, General Assembly, Remote,

Sep./2023 - Dec. 2023

B.A.- Philosophy, Minor-Physics, John Carroll University, University Heights, Ohio

Graduated May 2013