Julia Hartnett

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Data Scientist passionate about finding solutions to real-world problems through multi-disciplinary skills in math, stats, and computer science. Adept at problem-solving, independent and team-based work, and contributing to innovative projects.

Experience

MITRE Corporation   **Bedford, MA**
Associate Data Scientist   *July 2022 – April 2024*
Intermediate Data Scientist   *April 2024 – Present*

- Provide data science support (data wrangling, modeling, visualizations, dashboards, etc.) on projects spanning multiple domains such as healthcare, cybersecurity, and international relations
- Work on multiple fast-paced and rapidly changing projects in different domains concurrently
- Engage in meetings with government sponsors
- Mentor an undergraduate data science intern, providing tasking and serving as main point of contact

Alert Innovation   **Remote**
Software Engineer Intern   *June – August 2020*
Software Engineer Intern   *June – August 2021*

- Used Python to perform data analysis on inventory files to supply reports on missing and invalid data values and identified products that were in high demand
- Developed a SimPy simulation to model daily operations within an automated retail system to determine products that should be placed close together to reduce time picking customer orders

Simmons University   **Boston, MA**
Research Assistant   *June 2021 – May 2022*
TA, Tutor, Paper Grader   *January 2020 - May 2022*

- Assisted on a joint research study with Princeton University using R, Python, and praat to extract sound waves from speech files and analyze speech patterns for meaning using machine learning methods
- Tutored for Calculus I and Introduction to Statistics
- Graded homework for Calculus I, Introduction to Statistics, and Regression Models
- Acted as a teaching assistant for Data Structures

Skills

Languages: R, Python, SQL
Tools: Github, Visual Studio Code, AWS

Education

Simmons University   **Boston, MA**
B.Sc Data Science & Analytics   *August 2018 – May 2022*
Minors in Statistics, Mathematics, and Computer Science
GPA: 3.9

Honors and Awards: Summa Cum Laude, Dean's list all semesters, Data Science & Analytics Department Award, inducted into Sigma Xi (Research honor society) and Pi Mu Epsilon (Mathematics honor society)
Relevant Courses: Probability, Statistical Theory, Causal Inference, Linear Algebra, Calculus I, Calculus II, Multivariate Calculus, Data Mining, Software Engineering