Trevor Chartier

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Education

Colorado State University Expected: December 2025
B.S. in Computer Science (Machine Learning & AI Concentration) GPA: 4.0
Minor in Data Science

- **Coursework:** Linear Algebra, Linear Regression, Probability Theory, Machine Learning, Data Structures, Algorithms (Complexity Analysis), Software Engineering/Testing, Combinatorics
- Karla S. Given Data Science Scholarship, Dean's List Recipient, RamHack Computer Science Club, 4th Paradigm Data Science Club Organizer

Skills

Languages:	*Python, Java, C++, Matlab, R, mySQL, JavaScript, HTML5, CSS,*
Technologies & Frameworks:	*Pandas, NumPy, Scikit-Learn, Excel, Git, REST API, Postman, JUnit*
General Skills:	*Data Analysis, Presentation, Communication, Responsibility*

Professional Experience

Undergraduate Machine Learning (ML) Researcher September 2023 - Present
CSU Department of Computer Science

- Led a project introducing a novel, state-of-the-art application of ML techniques, earning the award for best student paper and presentation at an international peer-reviewed conference
- Developed and tested end-to-end ML systems, collecting and managing large, complex datasets, generating features and performing high-dimensional data analysis to identify valuable trends
- Communicated findings through peer reviewed publications (available on Google Scholar) and multiple presentations to both technical and non-technical audiences

Projects — *github.com/TrevorChartier*

Paw Planner | View on Github July - August 2024

- Engineered a JavaScript backend using Node.js, Express, and npm to create a RESTful API service that allows users to organize tasks for each of their pets
- Configured a mySQL database to store and update user data upon receiving HTTP requests

Personal Website | View on Github | Live App June - July 2024

- Built a responsive front-end portfolio using HTML5, CSS and JavaScript to create a user interface that adapts its design to the user's screen size