

William Fowler

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Education

Tufts University, Medford, MA

B.S. in Computer Science, September 2022 - May 2026

GPA: 3.95, Dean's List

Relevant Courses: Trusted and Responsible AI, Artificial Agents & Autonomy, Reinforcement Learning, Intro to Machine Learning, Machine Structure and Assembly Language Programming, Statistical Bioinformatics

BlueDot Impact, virtual

AI Safety Fundamentals Course, June 2024 - September 2024

Technical Skills

Programming Languages: Python, C, C#, C++, x86 Assembly Language, R, Matlab, Java, HTML, Javascript

Machine Learning: Pytorch, Keras, Transformers

Experience

Cambridge Boston Alignment Initiative

Research Assistant, November 2025 - present

- Run a validation study on the effectiveness of using LLMs to classify AI incidents
- Prompt engineer LLMs to improve classification and response quality

Pivotal Research

Technical AI Governance Fellow, February 2025 - April 2025

- Research the technical progress of decentralized training for frontier AI models
- Convey technical subject material to a non-technical audience

Tufts University

Teaching Assistant, September 2024 - Present

- Instruct a lab of ~20 students, guiding hands-on exercises in C and assembly language programming
- Hold biweekly office hours to provide one-on-one assistance with homework projects in C
- Evaluate and grade student project design documents, offering constructive feedback

Subject Tutor, January 2023 - December 2024

- Tutor Tufts students in Intro to Computer Science, Data Structures, Calculus 2, and Calculus 3
- Moderate small group meetings for students seeking help in their classes

The University of Chicago

Research Assistant, June 2023 - December 2023, June 2024 - August 2024

- Constructed educational materials for machine learning coursework
- Conducted research comparing autonomous driving algorithms
- Designed and implemented data pipeline for automatic weather stations

Projects

Movie Recommendation System, April 2024 - May 2024

- Constructed model to predict the movie preferences of a user based on their ratings of other movies
- Evaluated accuracy of Adaboost and RandomForest models

Chinatown Youth Initiatives Google Drive Sorting, Sep 2023 - December 2023

- Constructed a large language model (LLM) based on Google Drive data using Google Drive and Open AI APIs
- Researched how LLMs can be used to help nonprofits manage and retrieve data efficiently

Activities

AI Safety Student Team (AISST)

September 2024 - Present

Technical Member 2025 - Present

- Attend member meets reviewing recent literature in AI policy and technical AI safety research

Chuckleducks Improv Comedy

November 2022 - Present

Treasurer, September 2023 - Present

- Track the expenditures of the ~\$2,000 club budget, draft budget for submission to treasury each year