



GRETA REITENBACH

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WORK EXPERIENCE

JANUARY 2025 – PRESENT

UNDERGRADUATE RESEARCHER

BRINGING COMPUTATION TO THE CLIMATE CHALLENGE PROJECT, MIT EAPS

- Conducted statistical analyses to test observed temperature anomalies against theoretical predictions
- Gathered and preprocessed historical temperature data from satellite retrievals and reanalysis products

JUNE 2025 – AUGUST 2025

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING INTERN

PRESURGED

- Analyzed medical imaging data and trained models for tasks such as landmark detection and surgical planning
- Collaborated with research teams to integrate AI solutions into SkeletonPlanner, a tool for osteotomy surgery

MAY 2024 – AUGUST 2024

DATA RESEARCH ANALYST

RIVER CITY COMMUNITY DEVELOPMENT

- Gained proficiency in Salesforce to assist organizational efficiency and automation
- Customized apps and programs to find solutions for data collection and communication

EDUCATION

CLASS OF JUNE 2027

BACHELOR OF SCIENCE, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Majors: Artificial Intelligence and Decision Making; Business Analytics

GPA: 4.9 / 5.0

Activities: Associate Advisor, Kappa Alpha Theta, StartMIT Entrepreneurship Program, Science Policy Initiative, Society of Women Engineers, Latin Dance Club

Relevant Coursework: Optimization Methods, Machine Learning, Linear Algebra, Discrete Mathematics, Algorithms, Fundamentals of Programming (TA), Applied Probability and Statistics

HONORS

Air Force ROTC Achievement Award, recognizing superior performance for single acts of achievement or academic term service May 2024; November 2024

National Merit Finalist, awarded to the top 0.5% of testers on the PSAT/NMSQT October 2022

Air Force ROTC Type 1 Scholarship Recipient, covering full tuition and fees; awarded to the top 5% of applicants Ongoing

EXPERIENCES

- i5 Space National Website Developer
- MIT Science Policy Initiative Congressional Visit Days Representative
- West Point Summer Leaders Experience
- 2025 Boston Marathon Ruck Finisher
- Academy of Science St. Louis Science Fair - Honors Division Finalist
- Bayer Top Young Scientist Award
- Symphonic Orchestra President and Concertmaster

SKILLS

→ Python (PyTorch, Matplotlib, NumPy, Pandas, TensorFlow), GitHub, HTML, JavaScript, CSS, C++, SQL, LaTeX, Visual Studio Code, Salesforce Lightning, Microsoft Office