

Dreese Fadil

dreesefadil.com

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Candidate for Bachelor of Science in Computer Science and Engineering

August 2021 – May 2025

- Relevant coursework: Algorithms, Machine Learning, Fundamentals of Programming, Introduction to Computer Science, Data Science, Discrete Math, Linear Algebra
- 4.3/5.0 GPA

WORK EXPERIENCE

Undergraduate Researcher

April 2022 – Present

MIT Sea Grant

Cambridge, MA

- Refined algorithms in MATLAB and SeaDAS to optimize conversion of raw NASA satellite data into image mappings of various biomolecule concentrations in Stellwagen Bank national marine sanctuary
- Exhibited at New England Aquarium and presented to hundreds of marine science researchers

PROJECTS

Personal Website | *HTML, CSS, JavaScript*

July 2022

- Built a responsive portfolio website utilizing HTML, CSS, and JavaScript
- Deployed using GitHub pages

web.lab | *HTML, CSS, JavaScript, React, Node.js, MongoDB*

January 2022

- MIT web programming competition
- Worked in a team of three in a time sensitive environment to create a full stack outer space themed task management system utilizing Google Authentication and a database

SKILLS

Languages | Python, HTML5, CSS, JavaScript (ES5 and ES6)

Developer Tools | Git, Google Cloud Platform, VSCode, LaTeX, Eclipse

Libraries | NumPy, Matplotlib, pandas

Soft Skills | Leadership, creativity, communication, adaptability, public speaking

ACTIVITIES

MIT Track and Field and Cross Country

Varsity Athlete

August 2021 – Present