

Dara Casey

Resume

Dara Casey

330 West Emerson Street
Melrose, MA 02176

781.870.0169

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Skills

- Proficient in Java, HTML, CSS, and Python
- Familiar with machine learning using Python

Experience

CodeWiz Reading / Coding Coach

2020 - Present

Taught web development (HTML & CSS), Java, and Robotics classes to students aged 7-13 years old, created own curriculum for these classes

AI4All / Special Interest Group Leader

July 2020 - Present

Currently lead a group of 8 students from across the country in discussions about algorithmic bias, data privacy, and ethics. We will publish a report on our findings in February

iRaiders Robotics Team (FRC) / Lead Programmer

2019 - Present

Museum of Science / Engineering Design Workshop Intern

July 2019 - September 2019, BOSTON

Instructed visitors through STEM activities, lead "cart activities" related to computer science one on one with visitors

Museum of Science / Engineering Design Workshop Volunteer

July 2018 - July 2019, BOSTON

Taught children STEM & Computer Science concepts through activities, received Bronze Pin for 150+ hours of service

Lego Robotics Competition (FLL)/ Judge

Melrose Public Library / Coding Class Coach

Currently working with local library to bring free online coding classes to elementary and middle schoolers

Education & Awards

Melrose High School

August 2017- Present, MELROSE

Currently in Senior year at Melrose High School.

AI4ALL Summer Program at Boston University

Summer 2020

Participated in free selective program that introduces high school girls to artificial intelligence

Computer Science and STEM Courses

- Completed Java courses outside of school and have taken Computer Science classes in school
- Have taken AP Computer Science, AP Chemistry, AP Calculus AB, AP Physics 1, and am currently taking AP Calculus BC, AP Biology, and AP Research.

Dartmouth Book Award Winner at Melrose High School

2020

Winner of Lexington Hack for Good Hackathon

2018

Created a website about marine conservation and environmental preservation, \$200 prize was donated to a charity related to this cause

National AP Scholar and AP Scholar with Distinction

2020

Pursuing STEM Capstone Certificate

2021

Local award given by Melrose High School. Students are required to take certain STEM related classes and go to monthly presentations on topics in STEM. It culminates in a final project which will be presented to the community.