

Mia Santomauro

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Education

Brown University, Providence, RI

May 2021

Candidate for Sc. B. in Computer Science with a focus on Software Principles and Visual Computing

- National Merit Scholar

Relevant Coursework

Software Engineering; 2D Game Engines; Web Design; Deep Learning; UI/UX; Computer Systems; Accelerated Introduction to Computer Science, Discrete Structures and Probability; Calculus I and II; Multivariable Calculus; Linear Algebra; Harvard University Pre-College Introduction to Computer Programming; Columbia University Pre-College Programming in C

Programming Languages

Java; C; Python; Pyret; HTML/CSS/Javascript

Work Experience and Leadership

Artemis Project Coordinator, Brown University

Spring 2019 – Present

- Led a team of four in designing and implementing a five week summer program for students of underrepresented gender identities in Computer Science
- Developed a multifaceted curriculum including topics in Scratch, Python, and Web Design
- Facilitated communication between the Brown University Computer Science Department and the Artemis Project Coordinators
- Created and managed Marketing Campaign to recruit prospective students
- Fostered students' academic and personal growth

Teaching Assistant: Accelerated Intro to Computer Science, Brown University

Fall 2018

- Developed new lab materials to supplement students' resources
- Clarified concepts and instructed students in weekly TA hours
- Assessed students' progress through assignment grading
- Moderated discussions on Piazza, an online class forum

ARRR!!! Musical Director, Brown University

Fall 2018 - Present

- Selected and taught sea shanties and other traditional folk songs at weekly rehearsals
- Continually revised the group's repertoire to reflect contemporary values
- Conceived and executed new ideas for shows and events

Hobbies and Interests

Acting; Woodworking; Painting; Playing Bass Guitar