

KATARINA BULOVIC

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EDUCATION

Massachusetts Institute of Technology
Electrical Engineering and Computer Science
Relevant Coursework:

Cambridge, MA
Expected: June 2021

Multivariable Calculus; Physics I: Mechanics; Physics II: Electricity & Magnetism; Introductory Biology; Principles of Chemical Science; Introduction to EECS via Interconnected Embedded Systems; Introduction to Computer Science and Programming in Python

Lexington High School
High School Diploma
Relevant Coursework:

Lexington, MA
June 2017

AP Computer Science; AP Physics C; AP Calculus BC; AP Biology; AP Chemistry; AP Psychology

SKILLS

Software / OS: Microsoft Office, Macintosh OS X
Programming Languages: Java, C++, Python, HTML and CSS

SELECTED WORK EXPERIENCE

Einstein's Workshop
Mentor / Teaching Assistant

April 2016 – present
Burlington, MA

- Provide technical assistance with items such as 3D printers and robots in public workshop space
- Coach a FIRST Lego League robotics team, introducing basic design concepts and teamwork skills
- Assist teachers with classes, answering questions and offering personalized instruction

Central Rock Gym
Event Staff

December 2016 – present
Watertown, MA

- Instruct and belay people of all ages
- Enforce gym rules to maintain patron safety

MIT Media Lab
Scratch Team UI/UX

January 2018 – present
Cambridge, MA

- Create web pages using HTML and CSS for the Scratchjr website
- Ensure that website text is translatable to make Scratchjr more accessible worldwide

EXTRACURRICULAR / VOLUNTEER EXPERIENCE

High School FIRST Tech Challenge Team
Systems and Control Lead

September 2014 – May 2017

- Programmed core functionality of semi-autonomous robot in Java
- Repaired and reprogrammed robot between rounds of competition
- Collaborated with team members to design and manufacture competition robot
- Developed autonomous robot capabilities using sensors

Clarke Middle School
Volunteer Instructor

2013 – 2017

- Taught middle school students fundamentals of programming using Scratch

Drumlin Farm
Counselor in Training

2013 – 2016

- Supervised groups of campers between ages four and twelve at nature- and science-based summer camp
- Mentored and cared for children
- Planned and taught lessons in various science subjects

INTERESTS

Rock climbing, Hiking, 3D printing