School Address:
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Home Address:
55 Linden Park Dr
Clifton Park, NY 12065

Education

Massachusetts Institute of Technology (MIT) GPA: 4.9/5.0
Candidate for a Bachelor of Science degree in Computer Science and Engineering
Coursework: Discrete Mathematics, Machine Learning, Design and Analysis of Algorithms, Systems Engineering, Programming

Experience

MIT Election Data Science Lab **Cambridge, MA**
Software Developer January 2019 - Present
- Assisted with web scrapping election science data and web archiving of relevant state election websites
- Collected and analyzed indicator data to refine the Elections Performance Index, an assessment tool for evaluating election administration

Code for Good **Cambridge, MA**
Web App Developer October 2018 – January 2019
- Contributed to backend of a web application to handle approval of development funding for Accion, a global financial advising non-profit
- Semi-automated previously manual funding approval process and database updates

MIT Department of Material Science **Cambridge, MA**
Undergraduate Researcher May 2018 – August 2018
- Conducted experiments, collected, analyzed, and presented data pertaining to aluminum-sulfur batteries
- Extensive glovebox experience from making both Swagelok and coin cell batteries
- Suggested potential approaches and strategies to improve battery lifespan and capacity

Engineers Without Borders **Cambridge, MA**
Team Member October 2017 – May 2018
- Worked with a team of fellow undergraduates to find solutions to clean water problems in Tanzania
- Researched potential avenues of approach to sustainable water collection and storage in coordination with professional Boston EWB chapter to organize assessment trip

Skills

Programming: Python, C# (Other: C++, JavaScript, Java, HTML, CSS, SQL)
3D Modeling: Blender
Game Development: Unity3D
Web Development: React, JavaScript
Data Mining/Web Archiving/Data Visualization
Arbin/Maccor/Glovebox Experience

Projects

NCSL Indicator Scrapping: Collecting data from NCSL related to Election Performance Index
Tower of Hanoi: Recreation of the famous mathematical puzzle in Unity
Haiku Detection Bot: Reddit bot for detecting and recording haikus using the PRAW API
3D modeling: Various personal 3D modeling projects in Blender