

Olivia Schirm

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Education

Massachusetts Institute of Technology

Cambridge, MA

Bachelor of Science in Electrical Engineering and Computer Science

Expected June 2023

Minor in Mathematics

GPA: 4.7/5.0

Relevant Courses: Software Construction, Interconnected Embedded Systems, Circuits and Electronics, Introduction to Algorithms, Fundamentals of Programming, Artificial Intelligence

Work Experience

AT&T Intern

Remote

Full Stack Developer

Summer 2021

- Developed a communication platform to capture, manage, and share HR initiatives between leaders and business partners
- Designed an intuitive management system to track developer progress on projects and automate biweekly presentations for project managers

MIT Architecture and Computation Group

Cambridge, MA

Undergraduate Researcher

Jan. 2021 - May 2021

- Trained navigation models on natural heritage sites using reinforcement machine learning in Unity
- Translated data from drone footage to be read by machine learning agents using Python scripts

MIT Office of Engineering and Outreach

Cambridge, MA

Teaching Assistant

Aug. 2020 - Dec. 2020

- Taught hands-on mechanical engineering to high school students across Boston
- Mentored fifteen students from ideation to prototyping and development of their own mechanical designs

Projects

HR Strategic Roadmap platform for AT&T

Summer 2021

- Generates a library of current initiatives to track and manage their progress and communication status

First Light first-light.herokuapp.com

Jan. 2021

- Created a pixelated personality-based website game encouraging players to learn more about themselves
- Added character personalization functionalities with a secure login system and data storage capabilities

Activities

Design For America

Aug. 2020 - Current

- Investigated accessibility to academic and mental health resources during pandemic for remote students

MIT Undergraduate Practice Opportunities Program

Sept. 2020 - May 2021

- Participated in a professional development program teaching necessary skills for success in the workplace
- Completed an intensive one-week workshop led by MIT faculty and industry professionals exploring effective communication, problem solving, and teamwork

Skills

Software: Java, Python, C++, C, Javascript (Node.js, Angular, React), Git, SQL

Other: Unity Engines, Figma, Microsoft Office, Adobe InDesign & Illustrator