

Anna Ablove

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EDUCATION

University of Michigan Computer Science M.S.E.

AUGUST 2022 - PRESENT, ANN ARBOR, MI

University of Michigan Computer Science B.S.E.

AUGUST 2019 - MAY 2022, ANN ARBOR, MI

- Magna Cum Laude with Honors, Minor in Physics
- Relevant Coursework: Data Structures and Algorithms, Intro to Computer Organization, Foundations of Computer Science, Intro to Computer Security, Computer Game Design, Web Systems, Intro to NLP

RESEARCH EXPERIENCE

Censored Planet Research Assistant

JANUARY 2022 - PRESENT, ANN ARBOR, MI

- Working on problems in the internet freedom, anti-censorship space.
- Leading the VPNalyzer project to empower VPN users and deepen overall understanding of the VPN ecosystem, especially with regard to localized censorship circumnavigation.

Election Security Research Intern

MAY 2021 - SEPTEMBER 2021, ANN ARBOR, MI

- Developing knowledge of cybersecurity threats through the study of election policy and technology.
- Compiling an evidence based review centering around the relationship between secure election systems and voter confidence.

Explore Computer Science Research Program by Google

JANUARY 2021 - APRIL 2021, ANN ARBOR, MI

- Exploring the use of lexical networks and Named Entity Recognition to summarize news articles.
- Working on a project focusing on analyzing article neutrality in news reporting over time.

Center for Laser Experimental Astrophysical Research Intern

FALL 2019 - SPRING 2020, ANN ARBOR, MI

- Running simulations to analyze the motion of radiative shocks in order to get a better understanding of the optimal parameters for future physical experimentation.

EMPLOYMENT

Inspirit AI Instructor

SUMMER 2021, ANN ARBOR, MI

- Taught middle school students to program AI in Python and RunDexter, apply algorithms to real-world datasets, discuss AI ethics and applications, and build interactive web apps to deploy their machine learning models.

Physics 140 Proctor

WINTER 2020, ANN ARBOR, MI

- Monitored and clarified questions for Physics 140 students on biweekly quizzes.

MRADS/WISE RP Study Group Leader

FALL 2020, ANN ARBOR, MI

- Taught Algebra and Calculus I coursework once a week to first year engineering students.

Peer Tutor

MARCH 2017 - JUNE 2019, CLARENCE, NY

LEADERSHIP EXPERIENCE

Michigan Men's Rowing Team / Coxswain

SEPTEMBER 2019 - MAY 2021, ANN ARBOR, MI

- Improving leadership skills and strengthening ability to perform in stressful situations.

ACCOMPLISHMENTS / AWARDS

- Engineering Honors Program MAY 2020 - MAY 2022, ANN ARBOR, MI
- ArtsEngine Microgrant Recipient FALL 2019, ANN ARBOR, MI
- Women in Science and Engineering Residence Program AUGUST 2019 - MAY 2020, ANN ARBOR, MI

SKILLS

- Proficient in: Python, C++, MATLAB, C#, Unity, HTML/CSS, React.js, Vue.js, Bootstrap, JavaScript, Autodesk Inventor, Gephi
- Experience in: Go, Blender, WeVideo, R