

School Address:
500 Memorial Dr
Cambridge, MA 02139

Zhenjia Chen
zhenjia@mit.edu
(252) 458-4423
zhenjiac.com

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

EDUCATION

Massachusetts Institute of Technology (MIT)

(GPA: 4.7/5.0) *Class of 2021*

Candidate for a Bachelor of Science degree in Computer Science and Engineering

Relevant coursework: Machine Learning, Analysis of Algorithms, Systems Engineering, Advances in Computer Vision, Software Construction, Discrete Mathematics

EXPERIENCE

Cambridge Blockchain

Cambridge, MA

Software Engineering Intern

June 2019 - August 2019

- Designed and developed database integrations for data security and privacy software
- Implemented new backend features, internal API changes, and performance testing improvements

MIT Election Data Science Lab

Cambridge, MA

Software Developer Intern

January 2019 - May 2019

- 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

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

LEADERSHIP AND VOLUNTEERING

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

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, Golang, Java (Other: C#, C++, JavaScript, HTML, CSS)

Web Development: React, Node.js, Express, Firebase

Database: Graph, SQL

Language: English, French, Mandarin

Software: Docker, Kubernetes, Unity

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