

Anna Sun

734-589-5616

[annasun@mit.edu](mailto:annasun@mit.edu)

[annasun19.github.io](https://github.com/annasun19)

## EDUCATION

### Massachusetts Institute of Technology

Cambridge, MA

*Candidate for Bachelor of Science in Computer Science, Minor in Business Analytics.*

*June 2023*

**Relevant Coursework:** Intro to Algorithms, Fundamentals of Programming, Multivariable Calculus, Graph Theory.  
Art and Science of Negotiation, Toy Product Design, Intro to ML

**Activities:** Class President, HackMIT, SWE Board, Asian Dance Team, Video Game Orchestra

## EXPERIENCE

### Amazon

Seattle, WA

*Software Engineering Intern through Amazon Future Engineer*

*June-Aug 2020*

### Home Partners of America

Chicago, IL

*Data Scientist Intern*

*Jan 2020*

- Used machine learning to create an address standardization algorithm

### The Little Stars Foundation

Canton, MI

*Co-Founder of Non-Profit*

*2009-Present*

- Led a team of 10-15 musicians to consistently visit nursing homes and send gifts to the senior residents
- Organized free annual 4-week workshops: violin, programming, web design, and 3D design and printing

### 1st Michigan Realty

Bloomfield Hills, MI

*Data Analyst & Web Designer*

*June 2018-Present*

- Analyze real estate market trends and predicted price projections using historical sales data
- Developing web crawling software to automate data analysis that is currently done manually
- Consulted buyers on making better decisions when creating offers and negotiating
- Trained 2 interns on data analysis and web design

### Ford Motor Company

Dearborn, MI

*Powertrain Research Intern*

*June-August 2018*

- Studied clutch characteristics and used neural net to generate regressions
- Co-authored *Advanced Bench Test Methodology for Generating Wet Clutch Torque Transfer Function for Enhanced Shift Simulations*, published at JSAE (Japan Society of Automotive Engineers) Fuels and Lubrication conference

### “Sara’s Spark for STEM”

Bloomfield Hills, MI

*Children’s Book Author*

*June-September 2018*

- Wrote a children’s book titled *Sara’s Spark for STEM* that focuses on the importance of young girls in STEM
- Published in 2018 on Amazon

## INDEPENDENT PROJECTS

### Google Scripts Code

Chicago and Detroit

*Emails to 6000+ colleges*

*July 2018*

- Sent personalized emails to universities asking for any spare paraphernalia
- Donated over 200 shirts to first-generation college students to inspire them to go to college

## SKILLS AND INTERESTS

**Software:** Python, HTML 5, MATLAB, C++, Arduino, Java

**Languages:** Basic knowledge of Mandarin and Shanghainese

**Interests:** Violin, Long-Distance Running, Hip-hop dancing, Entrepreneurship, Chess