# Eric Lau

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## Education

**University of Michigan**                    **Ann Arbor, Michigan** *(August 2020 - May 2024)*
**College of Literature, Science, and the Arts**

Intended major in Computer Science (B.S.)

**Relevant Coursework**
EECS 280 Programming and Intro Data Structures, EECS 203 Discrete Math

**Stuyvesant High School**                    **New York, New York** *(September 2016 - June 2020)*

Stuyvesant Endorsed Regents Diploma with Honors in Computer Science
Cumulative GPA: 95.94/100

**College-level Coursework**
Software Development, Systems Level Programming, Computer Graphics, AP Computer Science A, AP European History, AP United States History, AP United States Government and Politics, AP Comparative Government, AP English Language and Composition, AP Spanish Language and Culture, AP Macroeconomics, AP Psychology, AP Calculus BC

**Activities**
Stuyvesant FIRST Robotics, Stuyvesant Young Democrats, Stuyvesant Model United Nations

**Awards**
National Merit Scholarship Finalist, AP Scholar with Distinction, Outstanding Commitment FIRST Tech Challenge Team 479 in Stuy Fusion, 3rd Place at StuyHacks VII

## Experience

**Stuy Fusion 479**                    **New York, New York** *(September 2018 - June 2020)*
**Head of Software Engineering**

- Led the software engineering department in writing competition robot routines, making it to NYC Championships.
- Onboarded new team members to the SE department through lectures on Java and Git.
- Taught elementary school kids at P.S. 124 about LEGO Robotics through building sessions.

**Bushwick Generator**                    **Brooklyn, New York** *(June 2019 - August 2019)*
**Software Intern**

- Led a team of interns to create a community-oriented blockchain web application using Ethereum and Solidity.
- Started an interviewing initiative to better understand community issues in Bushwick, Brooklyn.
- Discussed viability of decentralized autonomous organizations in residential areas with blockchain experts.
- Attended events at various technology companies across New York City to learn about blockchain.

**Google Mentorship Program**                    **New York, New York** *(November 2019 - June 2020)*
**Mentee**

- Collaborated with teammates to develop a mobile app to increase parent engagement at Stuyvesant High School.
- Discussed UI/UX and implementation of a language translation feature with mentors from Google.
- Engaged with school administration to discuss implementation of the mobile app.

## Skills

**Programming**: HTML, CSS, JavaScript, Java, C, Python, SQL, Dart, NetLogo
**Tools and Technologies**: D3.js, Flutter, Flask, Jinja, Bootstrap, Git, Bash, jQuery, LaTeX
**Operating Systems:** Windows, Linux, macOS
**Languages**: English, Spanish