

Eric Lau

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EDUCATION

University of Michigan Ann Arbor, MI

May 2024

College of Literature, Science, and the Arts

Bachelor of Science in Computer Science, GPA – 3.793/4.00

Relevant Coursework: Introduction to Computer Organization, Data Structures and Algorithms, Programming and Intro Data Structures, Discrete Math, Critical Data Visualization

Stuyvesant High School New York, NY

Jun. 2020

Advanced Regents Diploma with Honors in Computer Science, GPA – 95.94/100

EXPERIENCE

The Michigan Daily Ann Arbor, MI

Web Developer

Apr. 2021 – present

- Developed The Miseducation Project website, a digital museum showcasing student artwork typically unrepresented in media, utilized React and ArchieML
- Overhauled The Daily's Ad Portal backend infrastructure by designing and implementing a new database schema and API using Django and AWS

Data Journalist

Sep. 2020 – present

- Gathered, cleaned, and analyzed data from FOIA requests, surveys, and online sources using Python with Pandas, NumPy, and Beautiful Soup.
- Spearheaded a news series investigating 19 years of U-M budget and salary data, collaborated with 3 news reporters, made 7 interactive data graphics using D3

VOID Tech Consulting Ann Arbor, MI

Web Developer

Sep. 2020 – Jun. 2021

- Built a website for a Michigan bookstore using PHP, WordPress, and WooCommerce
- Reviewed other teammates' code and provided progress updates in weekly meetings
- Created a personal website to display projects and experience using HTML and CSS

Stuy Fusion 479 New York, NY

Head of Software Engineering

Jun. 2019 – Aug. 2020

- Led the software engineering department of the team in writing autonomous and teleoperation robot routines for competition, qualified for NYC Championships
- Onboarded new members through lectures on Java, Git, and Android Studio

Google Mentorship Program New York, NY

Nov. 2019 – Jun. 2020

Mentee

- Collaborated with teammates and Google mentors to develop a web and mobile app to increase parent engagement at Stuyvesant High School using Node.js and Flutter

Bushwick Generator Brooklyn, NY

Jun. 2019 – Aug. 2019

Software Intern

- Led a team of 10 high school interns to develop a blockchain web app using Solidity
- Started an interviewing initiative to understand community issues in Bushwick

SKILLS

Languages: HTML, CSS, JavaScript, Python, SQL, C/C++, Dart, Java, PHP, NetLogo
Technologies: Flask, Django, D3.js, Bootstrap, Flutter, React, WordPress, Git, AWS

AWARDS & HONORS

University Honors (Fall 2020, Winter 2021), SBUHacks Best UI/UX – Aurora Hack (2020), National Merit Scholarship Finalist (2020), AP Scholar with Distinction (2019, 2020), Outstanding Commitment FIRST Tech Challenge (2020)