

Clayton Mateo Webb

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Education & Internships

Studying **Computer Science and Engineering** with a minor in **Entrepreneurship** at the **University of Michigan**, class of 2020

- GPA: **3.51/4.00**
- **Relevant Coursework:** Data Structures and Algorithms, Web Systems, Foundations of Computer Science, Database Systems, Computer Security, Intro to Computer Organization, Entrepreneurship Business Basics, Intro to Statistics and Data Analysis

Facebook – Music & Video Rights, Menlo Park, CA

Software Development Engineer Intern, (May 2019 – August 2019)

- I improved the music sharing experience on the iOS Facebook app by rewriting the music scrubber to highlight ML-generated popular portions of the songs which increased overall music shares by 2.3%. (Objective-C)
- I built new features to improve user experience on the music picker like search typeahead, recent searches, and a new modern UI that showcases new and trending songs. (Objective-C)

Amazon.com – AWS Kinesis, Seattle, WA

Software Development Engineer Intern, (May 2018 – August 2018)

- I increased product value by developing new resource tagging APIs for the Kinesis service. This allows users to organize their Kinesis Streams for billing and authentication purposes. (Java)
- I learned how to develop code that scales to hundreds of thousands of users, as well as popular development tools and common software engineering practices.

LSA IT - East Hall Tech Support (University of Michigan), Ann Arbor, MI

Computer Consultant I, (Aug 2017 – Present)

- I developed my communication and troubleshooting skills by providing support to faculty and staff on their Macs and PCs.
 - I improved my Unix command line skills and learned details of enterprise networks and systems.
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Projects

- **Hashchatter**, (Jan 2018 – Present), I created an iOS app that allows users to chat in public chatrooms created from trending hashtags. This project is currently being pursued as a part of my Entrepreneurship minor. (Swift)
 - **Drunk Detector**, (Oct 2016), At the MHacks 8 hackathon, my team created an in-dashboard app for new GM cars to detect and alert drivers who are under the influence. I developed the iOS that we used to generate training data and the backend of the service that handled processing the data. We won General Motor's sponsor prize. (Swift, JavaScript)
 - **CLASSPad** (2013 – 2017), I created an extensive iPad app to digitize the CLASS observation tool by Teachstone. (Objective-C)
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Accomplishments

- **11+ years** of programming experience.
 - **Eagle Scout**, class of 2015
 - **National Hispanic Recognition Program Finalist**
 - **University Honors and Deans List**, 2016, 2018, 2019
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Activities

Triangle Fraternity

- **VP Internal Operations**, (Dec 2017 – Dec 2018), I held the executive position in charge of all house operations and accounts. I paid all our bills, maintained and improved the condition of the house, and oversaw all internal operations.

MHacks Core Team

- **Tech Team**, (Dec 2017 – Present), I help organize MHacks 11 by updating and maintaining all the technology that the hackathon uses to operate. I primarily work on improving the MHacks website and iOS app. (JavaScript, Swift)

Not Even Really Drama Students

- **Logistics Director**, (Aug 2017 – August 2019), I held the executive position that handled all of the logistics of the club and executing our musicals, such as scheduling rooms, planning food, reserving equipment, and planning recruitment days.
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Skills

Programming: C++, Java, Swift, Objective-C, Python, HTML, CSS, JavaScript, SQL

Software: XCode, MATLAB, Git, Mercurial, Docker, MongoDB, JetBrains Suite, MS Office, Photoshop

Systems: macOS, Windows (XP thru 10), Ubuntu