ETHAN JAFFEE

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SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, HTML/CSS, R, SQL, Ruby, OCaml, Rust
Frameworks and Technologies: AWS, Hadoop, Maven, Jetty, Git, Node.js, React, Flask, MySQL
Concepts: Cloud Computing, Agile Development, Blockchain, Virtual/Augmented Reality
Coursework: Data Structures, Advanced Algorithms, Data Science, Calculus, Linear Algebra, Statistics

WORK EXPERIENCE

J.P. Morgan Chase
Software Engineering Intern   New York, NY (Summer 2021)
- Migrated system used for connecting Virtual Desktop Infrastructure to Hadoop Cluster from using Cloudera CRM to a proxy server and URL-based routing
- Reduced Big Data Platform's hardware, maintenance, and licensing costs by over $2 million USD

Major League Hacking
Hackathon Coach   New York, NY (February 2021 - Present)
- Managed and supervised 24-48 hour hackathons across North America with up to 1,000+ participants on a semimonthly basis
- Taught technical workshops to an international audience reaching 500+ concurrent viewers, representing sponsors using industry relevant software such as AWS, Blockchain, Databases and more

Phillips Virtual Culture Laboratory
Software Engineering Intern - VR/AR   College Park, MD (January 2020 - December 2020)
- Created virtual and augmented reality applications designed to better the museum experience for The Phillips Collection in Washington, D.C.
- Built cross-platform applications for analyzing art pieces using computer vision

PERSONAL PROJECTS AND CAMPUS INVOLVEMENT

Bitcamp   December 2019 - Present
- Programmed online platform for hosting Bitcamp, a 1300+ person collegiate hackathon using Python (Flask) and Javascript (vue.js)
- Collaborated with designers to develop a responsive website for participants and sponsors to gather information and register for the event

ALS Association – Florida Chapter Website   October 2020
- Created interactive webpage for the ALS Association at J.P. Morgan Chase's Code For Good Hackathon
- Added functionality for users to interact with members of the organization and learn about ways to get involved

WMUC College Park Radio Application   Fall 2020 - Present
- Developed website and mobile app for University radio with ability to stream in-app
- Programmed features that allowed administrators without a technical background to update scheduling information, upload blog posts, and more

Sigma Alpha Mu Fraternity - Secretary   Fall 2019 - Present
- Headed all inter-chapter communication and organized calendar of events
- Revamped method used for attendance and voting at chapter meetings with an efficient automated system

EDUCATION

University of Maryland, College Park   College Park, MD (2019–Present)
- Bachelor of Science in Computer Science
- Minor in Spanish
- Expected Graduation May 2023
- GPA: 3.3