James Jiang

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Education

University of Michigan | College of Engineering   Sept 2017 – Apr 2021

- **Computer Science & Minor in Multidisciplinary Design, GPA: 3.7**
- **Courses**: Multidisciplinary Software Engineering, Web Systems, Database Mgt. Systems
- **Awards**: University Honors & Dean's List, National Merit Finalist, Hadley Scholarship, Gryzenia Scholarship

Skills

Proficient Languages: Python, JavaScript, C++
Tools: Git, Node, Express, Flask, MongoDB, SQL, Firebase, Socket.io, React & Redux, Docker

Experience

Facebook | Software Engineering Intern   May – Aug 2020

- Interning in the Menlo Park, CA office (team TBD)

Apple | Software Engineering Intern   Jan – Apr 2020
Python (Flask, MongoDB, Amazon S3) + JavaScript (Electron, React) + Docker + Kubernetes

- **(Project 1)** Released an internal cloud browsing platform for Apple employees in USA/China/India/Germany to securely organize and download 9500+ logging files, transitioning them out of a legacy file system
- **(Project 2)** Released a multi-threaded app that automates instances of machine learning tasks on the cloud, removing the need for users to manually reset jobs every week and adjust CPU/memory usage
- Managed multiple app distributions by isolating environments and allocating resources with Kubernetes

Dataminr | Front-end Software Engineering Intern   June – Aug 2019
JavaScript (React, Redux, Jest & Enzyme)

- Introduced and developed a file-sharing beta feature that automated alert-stream configurations for employees in four offices, decreasing their setup periods from 15 minutes to less than 15 seconds

The Michigan Daily | Web Team Engineer   Sept 2018 –
Python (Flask, SQL) + JavaScript (React)

- Collaborating with other computer science students to create and update digital features such as GradeGuide, a tool that lets college students to compare grade distribution data from courses

Projects

TriviaChat (jiang-triviachat.herokuapp.com)   June 2019
JavaScript (Express, Socket.io, MongoDB)

- Created a chatroom web application that enables real-time communication with WebSockets, allows users to interact with randomized jokes and trivia games, and saves records to populate its leaderboard API

Pincil | MHacks 2018 (devpost.com/software/pincil)   Oct 2018
Kotlin (Firebase, Google Maps API)

- Winner of the **Best Use of Firebase Award** out of 112 competing teams
- Designed and developed a location-based Android app for students to securely offer and receive paid tutoring on campus using a messaging and map interface