

# James Jiang

✉ jjian@umich.edu  
🌐 github.com/jjian4  
📞 (347) 925-6210  
🌐 http://jamesjiang.me

## 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 | Incoming Software Engineering Intern

May – Aug 2020

- Will be interning in the Menlo Park, CA office (team TBD)

### Apple | Automation Software Engineering Intern

Jan – Apr 2020

*Python (Flask, MongoDB, Amazon S3) + JavaScript (Electron, React) + Docker + Kubernetes*

- **(Project 1)** Built an internal cloud browsing platform for Apple employees in China, India, and USA to quickly and securely download 1000+ logging files, transitioning them out of a legacy file system
- **(Project 2)** Built a multi-threaded tool to automate and run many instances of machine learning jobs 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

### Pencil | MHacks 2018 (devpost.com/software/pencil)

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