

Xunle Mai

Undergraduate

Monterey Park, CA

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Graduating undergraduate looking for a summer internship as a software engineer or web developer.

Work Experience

Nachos

September 2018 to December 2018

- Implemented various functionalities in Nachos OS with proper synchronization
- Allowed more processes to be loaded and reduced program startup time by applying demand paging technique
- Implemented the clock algorithm to efficiently evict and swap pages when there was no free physical page

Issue Tracker Web Application

July 2018 to July 2018

- Built an issue tracker web application with HTML5, CSS3, and JavaScript
- Improve user experience by applying the PWA (Progressive Web App) technique
- Improve code readability to those familiar with HTTP by applying the REST (Representational State Transfer)

Android Chat App

March 2018 to June 2018

- Built an Chat App with Java in Android Studio in a team of ten
- Improved user experience by designing various use cases and user stories
- Reduce coding effort by designing clear database schema
- Reduce project duration by designing various test cases

Education

Bachelor's in Computer Science

University of California-San Diego - San Diego, CA

September 2017 to June 2019

Bachelor's in Computer Science

University of California-Riverside - Riverside, CA

September 2015 to June 2017

High school in Computer Science and Electrical Engineering

Don Bosco Technical Institute - Rosemead, CA

September 2011 to June 2015

Skills

C++, Java, JavaScript, Python, HTML, CSS, SQL, Git, Linux

Links

<http://mkmak.github.io>