

Matthew James Wong

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EDUCATION

University of Southern California | Los Angeles, CA

M.S. Degree in Computer Science

Spring 2020 - Present

GPA: 4.00

Georgia Institute of Technology | Atlanta, GA

2011 - 2015

B.S. Degree in Industrial and Systems Engineering

Graduated with Honor

EXPERIENCE

Timbre Interfaces, Inc. | Remote

Oct 2020 - Present

Front-end Developer

- Used React Native to develop Timbre Chats' home screen, which allows users to record and send messages to their contacts.
- Developed the app's custom 'Timbre' button which includes multi-gesture features in order to provide users with a smooth recording experience.

Parfé | Remote

Oct 2020 - Present

Software Engineer Intern

- With Swift and Adobe XD, I redesigned the app's eatery modal to provide users with more information regarding the selected restaurant!
- Designed and developed improvements to the app's map view UI with more informative tooltips and map icons.
- Implemented the app's notifications feature, which informs users of trending "Foodprints" and "Eateries" with Swift & Ruby on Rails.

Qualtrics | Provo, UT

Oct 2019 - Aug 2020

Software Test Engineer II

- Converted my developer team's manual release process to Continuous Deployment via Jenkins 2. This improved our release cycle cadence from 1 week to 1 day.
- Organized the migration of our company's end to end test framework's public API usage to the latest version.
- Hosted training seminars on how to convert a manual Continuous Delivery pipeline in Jenkins to Continuous Deployment.

Qualtrics | Provo, UT

May 2017 - April 2019

Software Test Engineer I

- Constructed test plans for new features, which cover the use of unit, integration and end-to-end testing.
 - Contributed to selenium based end-to-end test frameworks written in Python.
 - Designed and developed release pipelines for various services with Jenkins 2 and Rundeck.
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PROJECTS

Coffee Chats App for Verits.org

Fall 2020 - Present

- Designing and developing a CRUD application to manage the pairings of users using Node.js and Express Framework.
- Developing the client facing web application using React.

Intel Officer

Fall 2020

- Used Ionic & React to develop a mobile app designed to track game mechanics for FFG's Star Wars Armada tabletop game.
- The app features an in game turn counter and a dice simulator providing player's with various statistics of their ships' armament.

eBay Item Search

Summer 2020

- Created a web and mobile application that utilizes eBay's public API to allow users to search for listed items on eBay based on various search parameters.
 - The web application frontend was built with Angular, whilst the mobile app was built with Java via Android Studios.
 - Both applications utilised a backend server written with Node.js using the Express framework and deployed using Google Cloud Platform's App Engine.
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RESEARCH

DreamTek Industries | Remote

June 2020 - Aug 2020

Backend Team Lead

- Conceived and Implemented the Technology & Implementation Roadmap for a team of five developers.
 - Consulted and Provided technology solutions for external teams.
 - Mentored team members on running meetings and writing agendas/briefs.
 - Provided Direction and Collaboration with team members on areas of research.
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SKILLS

Python, Java, JavaScript, TypeScript, HTML, CSS, React, React Native, Ionic, Bootstrap, Node.js, Express, MongoDB