

# ANTHONY GHOBIND

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## EDUCATION

### University of Southern California

Master of Science, Computer Science

Expected May 2022

Bachelor of Science, Computer Science | GPA: 3.56

Graduated May 2021

**Relevant Coursework:** Advanced Front-End Web Application Development, Professional C++, Video Game Programming, iOS App Development, Introduction to Artificial Intelligence, Machine Learning

## TECHNICAL SKILLS

**Languages:** C/C++, React, Java, JavaScript, Python, Swift, jQuery, PHP, JavaFX, HTML/CSS, Git

**Skills:** Project Management, Firebase, MySQL, Figma, InVision, Adobe XD, AWS, Heroku, Agile, Selenium

## EXPERIENCE

### Calndr Inc.

Mountain View, CA

Software Engineer Intern

August 2021-Present

- Integrate app to set up quick meetings into sidebar, teams or group chat, and video conferencing of **MS Teams** using **PHP** and **JavaScript**
- Construct wireframe for MS Teams Integration features using **InVision** and prototype design with **Adobe XD**
- Apply knowledge in **jQuery** and **JavaScript** to identify and triage bugs in responsive frontend web app

### USC Information Technology Program

Los Angeles, CA

Teaching Assistant for Graphical User Interfaces

August 2020-Present

- Assist professor in lecture to teach GUI concepts to students using **JavaFX** and grade assignments
- Hold one-on-one office hours to help students with assignments
- Pinpoint ways to improve program's user experience like considering accessibility for people with disability

### USC Viterbi School of Engineering

Los Angeles, CA

Teaching Assistant for Data Structures & Object-Oriented Design

May-August 2021

- Developed automated unit tests using **GTest** to grade all homework submissions more efficiently
- Co-led a lab session to go over course material and guide students through programming exercises
- Held one-on-one tutoring sessions and drop-in office hours to help students with debugging and labs, or help prepare for tests in concepts such as inheritance, polymorphism, data structures, etc.

## PROJECTS

### iLearning Platform Tools

Spring 2021

- Developed a class management tool using **ReactJS** to facilitate group online learning such that students with diverse perspectives are grouped together using a custom clustering algorithm
- Integrated the app into **MS Teams** which will be used in an iPodia course with 8-10 participating universities
- Set up endpoints to request for information from the backend stored using **Node.js**

### Grocery Checklist

Fall 2020

- Developed a single page application with **ReactJS** that streamlines the process of grocery shopping and tracks user expenditure over time to help manage grocery budget
- Utilized **CRUD** operations when making AJAX calls to JSON server to display purchases on past grocery trips
- Prepared unit tests for components and functions with MirageJS to mitigate program-breaking errors

### Stock Portfolio Management

Fall 2020

- Utilized **Scrum** with a team of 4 to make a website that provided the value of portfolio stocks over time
- Leveraged **HighCharts API** to visualize and reflect real time stock price changes
- Implemented endpoints and stored necessary data using **MySQL**

### X8 Clothing iOS App

Spring 2020

- Prototyped an iOS application using **Swift** to display inventory of X8, a clothing brand based in Indonesia
- Utilized **Firebase** to store user information and their favorited items
- Integrated **Google Maps** into the application as part of a Store Locator feature