

MATTHEW CHOI

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SKILLS

- **Languages & Frameworks:** Javascript, React.js, HTML/CSS, Python, Java, Node.js, Typescript
- **Technologies:** Android Studio, Github, MySQL Workbench, Figma, Adobe XD

EDUCATION

University of California Irvine , Irvine CA	Oct 2020 - Dec 2021
Master of Software Engineering GPA: 3.6	
University of California Irvine , Irvine CA	Jun 2016 - Jun 2020
B.S. Informatics (Human-Computer Interaction)	

EXPERIENCE

Innovation Institute, Innovation Labs Newport Beach CA	Jun 2019 - Sep 2019
<i>Software Engineer Intern</i>	
<ul style="list-style-type: none">• Developed a web application that provided daily reports of peak noise levels recorded in local hospitals• Implemented real time graphs using React Timeseries that fetched noise decibel data from a Heroku database• Provided key analysis to hospital staff that decreased average noise levels in hospitals by 10%• Collaborated with cross-functional teams to design mockups and connect wall hardware to the web app	
Internet Marketing Footprints , Philadelphia, PA	Jan 2019 - Mar 2019
<i>Front-End Engineer Intern</i>	
<ul style="list-style-type: none">• Redesigned the company website using HTML, CSS, and Javascript improving the search function using the search index in Lunr.js to produce accurate search results	

PROJECTS

AntennaPod	Mar - Jun 2021
<ul style="list-style-type: none">• Contributed to the podcast manager app for Android, and generated a design document that modeled a new duration filter feature for the auto-download functionality• Resolved three feature-related issues on Github by adding new podcast features to enhance user experience• Integrated new Junit test cases that ensured software quality and increased test coverage by 8%	
Mailbag	Oct - Dec 2020
<ul style="list-style-type: none">• Full stack web app that retrieves and displays the inbox, messages and contacts list of a gmail account• Implemented worker classes that used the SMTP and IMAP protocols to send emails and talk to a mail server• <u>Utilized:</u> React, TypeScript, Material UI, Node.js, Express, REST API	
I'm Feeling Hungry App	Jan - Mar 2021
<ul style="list-style-type: none">• A modified version of Yelp that provides restaurant suggestions that closely match user dining preferences• Stored user account data in Firebase and retrieved restaurant details from the Yelp API using Retrofit• <u>Utilized:</u> Java, Yelp API, Android Studio, Firebase, REST API, Retrofit	
Book Store (https://bcc-bookstore.netlify.app/)	Nov - Jan 2021
<ul style="list-style-type: none">• Designed an ecommerce web app to help users search and buy books online and keep accurate book inventory• Implemented Context API for state management storing and retrieving user-inputted data across the website• <u>Utilized:</u> React, Context API, Bootstrap	