

# Justin Sung

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## EDUCATION

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### University of California San Diego

June 2021

B.S in Mathematics - Computer Science

## TECHNICAL SKILLS

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**Languages:** Java, C/C++, JavaScript, TypeScript, Python, HTML, CSS, SASS, Elixir

**Relevant Technologies:** Linux, Expo, React.js, Next.js, Phoenix, Redux, React Native, Bootstrap, ANT Design, Axios API, Google OAuth 2.0 API, Google Maps API, REST APIs, Jest

**Workflows:** Git, Github, Scrum, Agile, Unit and Integration Testing, Figma

## EXPERIENCE

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### Wrasse: Software Engineer

(Jun 2021 - Present)

- Worked on USC's Pathways to Success website in JavaScript using Next.js, Markdown, and React.js.
- Developed clickstream event analytics using Phoenix to collect over 100,000 events from hundreds of users to generate data measurements for how effective Pathways to Success is as an intervention program for students.
- Built a custom content management system that is easy to learn, maintainable, and scalable to fit newly added regions that implement USC's Pathways to Success.

### Wistly: Front-End Developer

(Feb 2020 - Jun 2021)

- Developed the front end of Wistly's mobile app in Typescript using React Native, Redux, Expo, and various REST APIs like Axios API and Google Maps API.
- Used React.js, HTML, ANT Design and CSS to construct components based off of designs made through Figma for Wistly's website.
- Worked alongside designers in cross-functionality teams under a Scrum/Agile workflow for better organization and productivity among team members.

## PROJECTS

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### PlantBuds: iOS Mobile Application

(Sep 2020 - Dec 2020)

- Worked with ten other students in a Scrum/Agile environment to create an iOS app that allows users to track and log plant care.
- Implemented push-notifications to notify users about upcoming tasks regarding plant care, updated UI of plant task history view, and implemented an encyclopedia feature for plant care lookup.
- Technical Skills: TypeScript, JavaScript, React Native, Expo, Redux, Google OAuth 2.0 API, Axios API, REST APIs.

### Whim: Instant Messaging Application

(Aug 2019 - Nov 2019)

- Designed a Discord/Trello inspired instant messaging web application that lets users create micro-posts in message threads in order to improve collaboration and organization in work environments.
- Added features such as anonymous account creation, custom text channels, and joining text channels without an account.
- Technical Skills: JavaScript, React.js, Redux, Axios API, REST APIs.

### SmashSearch: Smash Social Circle GraphSearch

(Jan 2019 - Mar 2019)

- Created a C++ program that finds social circles within the local San Diego Smash community to generate team rosters with the greatest number of friends.
- Utilized Twitter API to web-scrape Twitter player ids and followers from the San Diego Melee community Twitter page to create a local player database.
- Technical Skills: C++, Twitter API.