

Ronaldo Garcia

707-974-7287 | ronaldogarcia7077@gmail.com | [Linkedin](#) | [Github](#)

Education

University of California, San Diego – B.S., Computer Science

March 2023

Napa Valley College - A.S., Natural Science and Mathematics, Physics

June 2020

Experience

Software Engineer – Mastercard

August 2023 – Present

- Work on the .NET stack and use tools such as AWS Cloud services, Postman, SQL, and SingaFX.

UC San Diego Early Research Scholars Program – Research Mentee

September 2020 – June 2021

- Worked on a research project, which focused on analyzing the difficulties of non-native speakers in computer science.
- Developed Python solutions to the interview questions, which were given to UCSD participants to solve during the interview process of the research method.
- While more research is needed in the area, our results showed the need for more beginner-friendly official documentation and tech companies rethinking how they conduct their think-aloud interviews.
- Assessed and presented quantitative and qualitative analysis.

Personal Projects

Mary's Hair Cuts – React.js, Node.js | [Live](#) | [Github](#) July 2022-Present

- Designed a webapp for Mary's Hair Cuts.
- Implemented i18next framework to make the site accessible to both Spanish and English clients.
- Utilized EmailJS APIs for contact us emails.

ZooSeeker Android App - Java, Android Studio, GIT, Junit | [Github](#)

Spring 2022

- ZooSeeker is an Android app allowing users to determine the optimal route to visit their desired exhibits at the San Diego Zoo with the least walking possible.
- Implemented the database for the list of exhibits using RoomDatabase and the user interface of the list of exhibits.
- Deployed agile development principles into practice using GitHub and ZenHub in order to allow team of 6 programmers to effectively work together to develop application.
- Built unit, integration, and systems tests in Android Studio through JUnit, Espresso, and Robolectric.

Personalized Twitch Dashboard - Replit IDE, Next.js, React.js, Twitch API | [Live](#) | [Github](#)

Summer 2021

- Collaborated on a next.js web app that connects to the Twitch API and database to help a user track their favorite streamers.
- Developed a custom API utilizing Replit database to retrieve or insert or delete the twitch streamer data.
- Devised a custom grid to display all the streamer channels in a adequate manner.

Portfolio – React.js, Node.js | [Live](#) | [Github](#)

August 2022

- Built a portfolio to demonstrate my personal biography, projects, and skills.

Skills

Technical: Java, C++, C, JavaScript, Python, HTML, CSS, Android, Git, React.js, Node.js, Express.js, MongoDB, AWS

Languages: Spanish, English