## **Ronaldo Garcia**

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**Education**

**University of California, San Diego –** B.S., Computer Science Expected March 2023

* GPA: 3.4

**Napa Valley College -** A.S., Natural Science and Mathematics, PhysicsAugust 2017 - June 2020

* GPA: 3.7

**Experience**

**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.
* Devopled 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**](https://maryswebsite.netlify.app/)  **–** (MERN) MongoDB, Express.js, React.js, Node.js Summer 2022

* Designed a webapp for my mother’s hair salon with an appointment schedular feature to allow clients to book appointments.
* Developed a rest API using Express.js to connect to my MongoDB database to store appointments.
* Implemented i18next framework to make the site accessible to both Spanish and English clients.
* Utilized Twilio and EmailJS APIs to send SMS appointments confirmations and contact us emails.

[**ZooSeeker Android App**](https://github.com/CSE-110-Spring-2022/zooseeker-cse-110-team-65)- Java, Android Studio, GIT, Junit 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**](https://personalized-twitch-dashboard.ronaldo719.repl.co/) **-** Replit IDE, Next.js, React.js, Twitch API 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.

**Skills**

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

**Languages:** Spanish, English

**Relevant Coursework**

* Software Engineering
* Design and Analysis of Algorithmsz