# DORIAN ALEXIS MALDONADO

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**OBJECTIVE** Seeking a Software Engineering internship for Fall 2020 where I can expand my knowledge and apply my skills to become a better software engineer.

## EDUCATION

University of California, San Diego                    *September 2018 – December 2020*
*B.S Computer Science*

## PROJECTS

Personal Resume Website – *Solo Project*                    *July 2020 – August 2020*
- Implemented a dynamically populated blog section using CRUD actions
- Utilized the progressive enhancement model to incrementally build the website
- Used web development best practices to increase performance, accessibility, SEO

Clubhouse Dungeons Chrome Extension – *Team Lead*                    *March 2020 – June 2020*
- Gamifies the user stories of a team on Clubhouse, the project management platform
- Utilized Github actions to ensure code quality and thorough testing of the features
- Wrote extensive documentation to help future developers for the project

PostgreSQL Database Project – *Solo Project*                    *March 2020 – June 2020*
- Designed an entity relationship schema emulating a school's course schedule
- Built a website that interfaced with the database and made queries and alterations
- Maintained integrity constraints through the use of triggers functions and foreign keys

Rüm8 Android App – *User Experience Specialist*                    *March 2019 – June 2019*
- Allows UCSD students to be able to find and communicate with potential roommate
- Users are able to create profiles and connect with potential roommates
- Users receive push notifications when a potential roommate has linked with them

## EXPERIENCE

MiraCosta College – *Computer Science and Math Tutor*                    *August 2017 – December 2018*
- Aided students in learning and reinforcing object oriented principles
- Helped students implement basic data structures, e.g. ArrayLists, LinkedLists, Trees
- Explained derivation and integration calculus concepts and techniques

## EXTRACURRICULARS

Tritons for Sally Ride Science – *Ignite Committee*                    *September 2018 – Present*

## SKILLS

Java, C++, Javascript, SQL, Python, Git, Android Studio, Unix, Bash, HTML, CSS