



Website

# DORIAN ALEXIS MALDONADO

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## EDUCATION

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

*September 2018 – June 2021*

## EXPERIENCE

MiraCosta College – *Computer Science and Math Tutor* *August 2017 – December 2018*

- Aided students in learning and reinforcing object oriented principles and Java syntax
- Helped students implement basic data structures, e.g. ArrayLists, LinkedLists, Trees
- Explained derivation and integration calculus concepts and techniques

## PROJECTS

Music Social Website — *Frontend React Developer* *September 2021 - Current*  
*ReactJS, Figma, GitHub Actions*

- Used Figma to allow an iterative design process building components from sketch to prototype
- Created a development pipeline using GitHub Actions for remote testing, linting, deployment
- Implemented self contained ReactJS functional and class components with CSS styling

Personal Resume Website – *Frontend Developer* *July 2020 – August 2020*  
*HTML, Javascript, Firebase*

- Implemented a dynamically populated blog section from a remote database
- Utilized the progressive enhancement strategy 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*  
*Javascript, GitHub Actions, Puppeteer*

- Managed a team of 13 in the creation of a product from conception to deployment
- Extended the project management platform Clubhouse to increase remote work productivity
- Created a remote workflow pipeline ensuring code quality and thorough testing of the features

PostgreSQL Database Project – *Database Developer* *March 2020 – June 2020*  
*Database Design, Entity Relationships, PostgreSQL*

- Designed an entity relationship schema emulating a school's course schedule
- Built a website that incorporated the database making queries and alterations
- Maintained integrity constraints through the use of trigger functions and key constraints

Rüm8 Android App – *User Experience Specialist* *March 2019 – June 2019*  
*Android, Java, Firebase*

- Designed app navigation workflows and screen view designs necessary for user interaction
- Conducted vast research on the Android API and components to ease the development process
- Implemented push notifications allowing users to be notified of a new potential roommate

## SKILLS

Javascript, ReactJS, Java, HTML, CSS, C++, Git, Figma, ESLint, Firebase, SQL, Python, NodeJS, Bash