



Website

# DORIAN ALEXIS MALDONADO

✉ dorianmaldonado7@gmail.com

in /in/dorian-maldonado

🔗 dorianm7

## EDUCATION

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

*September 2018 – June 2021*

## PROJECTS

7 - Study Group — *Design Project Developer* *January 2021 - March 2021*

- Developed a website to help remote students study and view lectures together
- Employed Handlebars templates to allow the efficient creation of prototypes
- Applied Nielsen's Heuristics throughout the development process to enhance user experience

Personal Resume Website — *Solo Project* *July 2020 – August 2020*

- 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*

- Managed a team of 12 in the creation of a product from conception to deployment
- Created a remote workflow pipeline ensuring code quality and thorough testing of the features
- Wrote extensive documentation to aid future developers on 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 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*

- Designed the app navigation workflows and screen designs
- 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

## 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

## EXTRACURRICULARS

Tritons for Sally Ride Science — *Ignite Committee* *September 2018 – June 2020*

## SKILLS

Java, C++, Javascript, SQL, Python, Git, jQuery, HTML, CSS, Bash, NodeJS