

Dominick Lee

UNDERGRADUATE · UC SAN DIEGO

1033 N Valley St., Burbank, CA 91505

☎ (818) 729-8420 | ✉ d3lee@ucsd.edu | 🏠 domogami.github.io | 📷 domogami | 🌐 domogami

Education

University of California San Diego

MATHEMATICS - COMPUTER SCIENCE, MINOR IN COGNITIVE SCIENCE

La Jolla

Sep. 2018 — Jun. 2022

Languages and Skills

Programming Languages and Software

SWIFT, JAVA, C, PYTHON, JAVASCRIPT, ARM, HTML, CSS

SOLIDWORKS — COMPUTER-AIDED DESIGN, XCODE, MATLAB, GITHUB, FIREBASE

Current

Relevant Coursework

MATHEMATICS: LINEAR PROGRAMMING, GRAPH THEORY, STATISTICS

COMPUTER SCIENCE: ADVANCED JAVA, DATA STRUCTURES, ARM ASSEMBLY

2017 — 2020

Projects

“enLIGHTen” Machine Learning iOS Application (Current)

IEEE QUARTERLY PROJECT++

- Developing an iOS Application to automatically control lights based on machine learning predictions
- Used TensorFlow to predict what time to turn off the lights at night
- Expanded my knowledge of XCode, SwiftUI, and TensorFlow

La Jolla

Jan. 2020 — Present

“Stakk” Web Application

SD HACKS TEAM PROJECT (THREE MEMBERS)

- Featured FireBase member authentication
- Developed application to connect students and help form study groups based on classes
- Designed with JavaScript using React

La Jolla

Oct. 2019

“Say Watt” Mobile Application and Corresponding Hardware

IEEE QUARTERLY PROJECT

- Project Website — <https://domogami.wixsite.com/saywatt>
- Developed a React Native application that connected to an ESP to remotely flip a light switch over WiFi

La Jolla

Mar. 2019 — Jun. 2019

Experience

Software Development Intern

DEVELOPED MOBILE IOS APPLICATION

- Developed iOS application using XCode and Swift for an innovative startup company
- Connected to Firebase to authenticate users and add new users to database

San Diego

Feb. 2019 — Jun. 2019

Online Sales Manager

PREVIOUSLY ON SET FURNITURE

- Managed social media and website
- Marketed and photographed items on eBay and Craigslist
- Sold grandfather clock for \$2500

Burbank

Jun. 2018 — Sep. 2018

Achievements

2nd Place IEEE Quarterly Project Competition

AUTOMATED LIGHT SWITCH PROJECT

La Jolla

Mar. 2019 — Jun. 2019

FIRST Chairman’s Award

GAVE THE WINNING PRESENTATION FOR MY ROBOTICS TEAM

- The most prestigious award in FIRST Robotics that “honors the team that best represents a model for other teams to emulate and best embodies the mission of FIRST.” — Firstinspires.org

Houston

Apr. 2018