Dominick **Lee**

Undergraduate · UC San Diego

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Education

University of California San Diego   *La Jolla*

Junior, Mathematics - Computer Science, Minor in Cognitive Science, 3.4 GPA   *Sep. 2018 — Jun. 2022*

Languages and Skills

Programming Languages and Software

Swift, SwiftUI, ARKit, Java, C, C++, Python, JavaScript, ARM, HTML, CSS, LaTeX   *Current*

React, React Native, SolidWorks — Computer-Aided Design, XCode, MatLab, GitHub, FireBase

Relevant Coursework

Mathematics: Linear Programming, Graph Theory, Statistics   *2017 — 2020*

Computer Science: Advanced Java, Data Structures, ARM Assembly

Projects

"ieeeucsd.org" React Website   *La Jolla*

Webmaster   *June. 2020 — Current*

- Developing an interactive website for thousands of IEEE users consisting of both students and business leaders
- Coded with **React** and utilized **Gatsby** with a variety of Node libraries to allow for flexibility and reusable components

"Timezone Hero" iOS Application   *La Jolla*

Project Lead at LogiLeap   *Jan. 2020 — Mar. 2020*

- Available now on the App Store!
- Developed a full feature Timezone application with **SwiftUI** that allows the user to change the time
  in one zone and see the changes reflected in every other zone

"enLIGHTen" Machine Learning Mobile Application   *La Jolla*

1st. Place IEEE Quarterly Project++   *Jan. 2020 — Mar. 2020*

- Developed an iOS Application using **SwiftUI** to dynamically control lighting based on machine learning
  predictions of where a person is located
- Used **TensorFlow Lite** and an infrared camera to detect where a person is in a room to turn on nearby lights

Experience

iOS Software Developer   *Remote*

LogiLeap Technologies LLC   *Sep. 2020 - Present*

- Developing an Augmented Reality iOS painting application with real-time collaboration using **ARKit** and **Firebase**

iOS Software Development Internship   *Remote Internship*

LogiLeap Technologies LLC   *Jun. 2020 — Sep. 2020*

- Developed a timezone application called "Hero Timezone" (coming soon to the App Store) using **SwiftUI 2.0**
- Created an AR app capable of a shared experience that allows custom AR objects from user device using **ARKit**
- Coded an App Store style discovery page with **Swift 5.0** for an India grocery application for users to easily discover new foods

Software Development Internship   *San Diego*

Developed Mobile iOS Application   *Feb. 2019 — Jun. 2019*

- Developed a prototype iOS application using **Swift** for an innovative food startup company
  hoping to bring homecooked food to thousands of people
- Connected to Firebase to authenticate users and add new users to database

Achievements and Leadership

1st Place IEEE Quarterly Project Competition++   *Mar. 2020*
2nd Place IEEE Quarterly Project Competition   *Jun. 2019*
IEEE Webmaster (Elected Officer)   *May. 2020 - Current*