

# KWOK MING LEUNG

San Francisco, CA ◇ <https://kwokmingleung.github.io>  
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## EDUCATION

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### University of California, San Diego

*September 2018 - Present*

Bachelor's Degree  
Computer Science

### College of San Mateo

*January 2016 - June 2018*

Computer Science

GPA: 3.7

## WORK EXPERIENCE

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### Computer Engineering Research Internship

June 2018 - September 2018

*San Francisco State University, San Francisco*

- Implemented a new user login page to store user information by using Firebase and Java.
- Designed feature of classifying human gesture from wearable sensors by using basic Machine Learning algorithms.
- Created a website with instructions regarding to the application using JavaScript making it open source.

### STEM Center Tutor

August 2017 – May 2018

*Cañada College, Redwood City*

- Teaching basic programming skill includes inheritance and data structure.
- Teaching college students in STEM related classes such as Math, Physics, and Computer Science.

## PROJECTS

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### TritonClick App

*September 2019*

The project aims at developing an application which serve as a platform for selling and renting the iClicker, which is a remote widely used for taking attendance for classes. We implemented different pages through React Native, and usage of Firebase for our database. Instead of buying the expensive iClicker from bookstore, student can now rent one from our app affordably.

### Plinko Simulation

*July 2019*

This project was inspired by one of my favorite childhood game. I implemented a plinko game simulation in HTML5 using a framework p5.js which serves as drawing purposes. Since the game involves of free dropping, moving, and accelerating, I used a physics engine Matter.js to make it move smoother.

### iTunes Search Engine

*May 2018*

The purpose of this project is to let the user make a lookup request to search for content in the stores based iTunes ID, artist name, or album name. This is implemented by iTunes search API in Javascript.

## TECHNICAL SKILLS

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<b>Proficient</b>	Java, Python, C, C++, React Native
<b>Intermediate</b>	HTML & CSS, Javascript, Numpy