

# Kyle Wong

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## Objective

Detail-oriented and inquisitive third year computer engineering undergraduate with experience in software development, control systems design, and team management. Seeking to leverage skills in collaboration, creativity, and development as an intern in an innovative environment.

## Education

### University of California, Santa Barbara (UCSB)

Expected Graduation: June 2022

B.S., in Computer Engineering (GPA: 3.85)

Relevant Coursework:

- Object Oriented Design and Implementation
- Data Structures and Algorithms
- Computer Communication Networks
- Android Application Development

## Relevant Experience

### Junior Software Development Engineer

June 2020 — Present

UCSB Enterprise Technology Services (Santa Barbara, CA)

- Implement and optimize campus-wide Identity & Access Management platform using Aurelia framework for front end web page functionality and Spring Boot for back end REST services
- Add functionality to account management, affiliate creation, and user lookup pages
- Routinely employ Agile software development practices in conjunction with Azure DevOps Services

### Front End Development Intern

September 2019 — September 2020

Center for Mindfulness and Human Potential (Santa Barbara, CA)

- Advanced and refined front end of *Finding Focus*, a mindfulness learning platform implemented using React
- Developed many user-facing components, including landing pages, account creation flow, and course progress tracking
- Used GitHub in tandem with Trello to support Agile software development practices

### Controls Team Lead

September 2019 — March 2020

Society for Advancement of Chicanos and Native Americans in Science (SACNAS) (Santa Barbara, CA)

- Led the Controls Team of Atmospheric Water Generation research project, managing a team of fellow engineering students in the development of a controls system for a proof of concept atmospheric water generation device
- Designed and implemented an Arduino-controlled system designed to monitor sensor readings, control power relays, and log collected data
- Scheduled meetings, delegated tasks, presented weekly progress reports, and served as a point of contact with project coordinator and other team leads

## Skills

- Languages: C++, Java, HTML, CSS, JavaScript, Kotlin
- Tools: Git, GitHub, Azure DevOps, Firebase, GCP
- Frameworks: React, Aurelia, Spring Boot
- Operating systems: Windows, UNIX, Android, LINUX

## Projects

### Berryessa Cell Group Web App

June 2019 — August 2019

- Created a React web application for church youth group using Firebase Realtime Database
- Application used for communicating, socializing, and scheduling events and responsibilities

### Rapunzel

March 2019

- Created an Android mobile application for LA Hacks 2019 hackathon using Java and Google Cloud Vision API
- Application generates pun captions for photos taken by the user