# *Kyle Wong*

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## Objective

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

## Education

**University of California, Santa Barbara (UCSB)** Expected Graduation: June 2022

B.S., in Computer Engineering (GPA: 3.87)

*Relevant Coursework:*

- Artificial Intelligence
- Computer Communication Networks
- Data Structures and Algorithms
- Android Application Development

## Relevant Experience

**Incoming Software Development Engineering Intern** June 2021 — August 2021

*Amazon (Bay Area, CA)*

**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 with over 150,000 monthly users 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

## Projects

**Urth** November 2020 — December 2020

- Created an interactive Android mobile application that allows for minimalistic location-based news querying
- Implemented user authentication, bookmarks, and API integration using Firebase, News API, Google Maps API, and Android Jetpack

**Atmospheric Water Generation Project** September 2019 — March 2020

- Led the Controls Team of a research project sponsored by SACNAS, managing a team of fellow engineering students in the development of a control 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: Java, Kotlin, JavaScript, C++, HTML, CSS
- Frameworks: React, Aurelia, Spring Boot
- Tools: Git, GitHub, Azure DevOps, Firebase, MongoDB
- Operating systems: Windows, Android, LINUX