

RYAN OH

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EDUCATION

University of California, Los Angeles

2022 - 2025

B.S, *Computer Science*

GPA: 3.71

Coursework: Introduction to Computer Science I, Introduction to Computer Science II, Logic Design of Digital Systems, Computer Science Seminar, Calculus of Several Variables.

EXPERIENCE

Urban Sustainability & Environment Inc./ Developer

June 2021 -Current

- Collaborated with professional architects to devise an educational **Android** application that computes passive energy estimates, using a GPS **API** to select accurate location data for the building. (Stack: **Java, XML, REST API**)

STEM-AWAY/ Intern

December 2020-June 2021

- Built a complex-model recommendation and classification system that scrapes and classifies comments from community hubs based on their likes, lengths, and content (Accuracy: 76%).
- Utilized **machine learning** and **natural language processing** through **Python** and **MATLAB**.

League of Amazing Programmers TA/ Teacher Assistant

August 2018- June 2021

- Worked as TA, holding a class of 20+ students; taught topics such as polymorphism and inheritance.
- Created a server and a client to build a chatting program, through Command Line Interface (CLI); coded games 1945, Flappy Bird, Pong, and finding Waldo; created a Discord bot to predict gender given a name by an **API**.

Computer Science Club for Volunteers/ Founder & President

August 2018- June 2021

- Founded a program to match CS tutors to elementary students in need.
- Created a curriculum to make coding more fun and approachable for the students.

Taco Bell / Customer Champion

May 2022- July 2022

- Provided service for 300+ customers everyday; worked under a fast-paced and pressuring environment.
- Managed customer complaints, accounted finance, and sanitized the workplace.

PERSONAL PROJECTS

Insistent Alarm

- Used **Dart/Flutter** to develop an IOS/Android application that rings an alarm insistently until the user correctly solves math problems; imported local calendar, pop up screens, and user permission functions for insistent local notifications.
- Still in the process of testing/debugging, about to be launched in Google PlayStore and App Store.

Mock Banking System

- Collaborated with others to implement **C++** on **Raspberry PI** to develop a banking system program.

AWARDS

USACO Silver Division

2021