Ryan Miyahara

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https://github.com/rmiyahara

Education

University of California, Los Angeles (UCLA)	Expected December 2019

Bachelor of Science, Computer Science
Major GPA: 3.495

Relevant Coursework

Computer Science: Introduction to Computer Science I, Introduction to Computer Science II, Introduction to Computer Organization, Logic Design of Digital Systems, Introduction to Algorithms and Complexity
Physics: Mechanics; Oscillations, Waves, Electric and Magnetic Fields; Electrodynamics, Optics, and Special Relativity
Mathematics: Differential and Integral Calculus, Calculus of Several Variables, Linear Algebra, Introduction to Discrete Structures

Technical Skills

C, C++, JavaScript, Python, Arduino Programming, React

Projects

Do Not Disturb	Current

Collaboration with 1 person
- Utilize React Native to create a mobile application which allows roommates to efficiently communicate privacy and responsibilities through push notifications.

Flexcel	January 2018

Independent
- Programmed a terminal application in Python to record fitness activities, exporting them into an Excel sheet to analyze trends over time.

Health Tracker	November 2017

Collaboration with 3 people
- Developed an application in Android Studio which incorporated React Native and Python to measure calorie intake, predict future meals, and track eating habits.

Iceman	August 2017

UCLA Computer Science Department
- Employed object oriented programming, algorithms, and data structures in C++ to create a keyboard controlled arcade game.
- Applied data structures and algorithms to implement various power ups, enemies, and hazards.

Work Experience

Deck Manager/Swim Instructor	June 2013 - September 2017

West Coast Aquatics, 1776 Educational Park Dr., San Jose, CA 95133
- Critiqued and assist approximately 100 children per month with their swimming technique.
- Manage swim instructor's work schedules and class rosters in order to maintain a consistent schedule.
- Communicated with parents on child's progress and any concerns.

Awards

Eagle Scout Recipient	June 2015