**Work Experience**

UCR Intern for Zybooks June 2018 - Present

* Analyzed beginning CS students’ code submissions and identified their reasons for struggling which are being used to implement a hint system (reverse this)
* Wrote a python script to analyze a CS class exams’ effectiveness
* https://github.com/jkim393/examanalysis

**Projects**

<cutiehack.io> Jun 2018 - Present

* Led a team of 9 to build a hackathon website where users can apply to hackathon and login to check their acceptance status
* Designed the website using Figma
* Used Django framework to write the application form and set up sqlite database to store the applicant information
* <https://github.com/citrushack/CutieHack2018>

Pedometer Mar 2017 – Jun 2018

* Built a step counter using 2 ATMega1284 microcontrollers, Bluetooth modules and an accelerometer
* <https://github.com/jkim393/Pedometer>

Inter Connected Universities of California Apr 2018

* In a team of 3, came up with the idea of connecting UC students through a chat web app
* Wrote the backend logic of the chat system in Node.js and socket.io during a 24-hour hackathon
* <https://github.com/jkim393/ICUC->

Integrated Appliance System Research Project Jun 2017 – Oct 2018

* Programmed a solenoid and fans using Arduino to control hot water and air flow in and out of a solar-thermal dryer
* Programmed temperature and water sensors using Arduino to collect data for the dryer
* <https://github.com/teamias/SolarProject>

**Education**

**University of California, Riverside**

B.S. Computer Science Expected June 2020

GPA: 3.89

**Skills**

Programming Language

* C++, Python, JavaScript

Technologies/Framework

* Git, Django, Node.js