

James Luo
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EDUCATION

- **University of California Riverside** Riverside ,CA
BS in Computer Science GPA: 3.14 *Sept. 2016 – June. 2020*

LANGUAGES AND TECHNOLOGY

C++, Swift, Python, C#(Unity) , HTML, Bootstrap, JavaScript, Unix, Xcode

RESEARCH

- **UC Riverside** Riverside, CA
Undergraduate Research *June 2017 - Present*
 - **Ink-well System:** A software used to build micro fluids for biological tests in which would take in input data, simulate it, and create a .svg output that is used for debugging.
 - * Create the python system responsible for generating a .svg file from the simulated data.

PROJECTS

- **TwitchCon Hackathon** *Fall 2017*
Twitch PVP
 - **Twitch chat bot game:** Python game built for Twitch chat in which streamers play a game against another streamer using their channel's chat. Built using IRC library and Twitch chat API
- **Rose Hack** *Winter 2019*
Mentor
 - **Unity:** Mentor two team with deploying their projects in VR by working with them to debug issues and proposing solutions. Both of these teams won prizes (Best Hack and Best Game)
 - **iOS and Firebase:** Help teams develop iOS application using Swift along with explaining how to setup a back-end using Google Firebase.
- **Cutie Hacks 2017** *Fall 2017*
King of Space
 - **IOS Game:** An IOS game that puts that user into the shoes of a spaceship captain that has to navigate space and fight other ships using a classical turn base system
 - **Best Beginner Hack:** Lead a team of first year students and taught them how to build their first app and the basics of Swift
- **BioHacks** *Spring 2018*
Medical Emergency Simulator
 - **Medical Emergency Simulator:** VR experience built in Unity to put a user into the shoes of the first person to arrive at an emergency situation.
Winner of Best Humanitarian Hack
- **SB Hacks** *Winter 2018*
Food Inventory
 - **Food Inventory:** Food Inventory counting app that is used to keep track of the food you have in you have
Uses Google Firebase as a back-end and FastSpring API as the store front for a well designed shopping experience
Winner of Best Use of FastSpring API

CLUBS

- **ACM/ASSOCIATION FOR COMPUTING MACHINERY**
Officer
 - **Event Manager:** Organize club events such as competitive programming and manage member projects