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
Twitch PVP — *Fall 2017*

- **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
Mentor — *Winter 2019*

- **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
King of Space — *Fall 2017*

- **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
Medical Emergency Simulator — *Spring 2018*

- **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
Food Inventory — *Winter 2018*

- **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
chapter member

- **Workshop Instructor**: Help teach chapter members the basics of Swift and how to use that language to build their iOS apps