

# James Luo

jl117.github.io

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## EDUCATION

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- **University of California Riverside** Riverside ,CA  
*BS in Computer Science GPA: 3.25* *Sept. 2016 – June. 2020*

## LANGUAGES AND TECHNOLOGY

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

## RESEARCH

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- **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

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- **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
- **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 backend and FastSpring API as the store front for a well designed shopping experience  
Winner of Best Use of FastSpring API

## CLUBS

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- **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
- **Highlander/Tespa Gaming**  
*National Tespa Member*
  - **Esports Team Manager:** Help create schedules for team practices, report players and results back to Tespa HQ, scout players and other teams