

# 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, 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 simulate chemical and 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**

*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

- **Swift IOS collection**

*IOS app collection*

- **Open source goal:** An open source library full of classes that are designed to be used to build various projects

- **Cutie Hacks 2017**

*King of Space*

*Fall 2017*

- **IOS Game:** A simple 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

- **Cal Poly Hackathon**

*Simple Promotional Website*

*Spring 2017*

- : A simple website with a flash game and varies API calls using bootstrap

## 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

- **IEEE/Institute of Electrical and Electronics Engineers**

*National Member*

- **UAV team:** Develop an UAV autopilot system using machine vision and Python

- **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