

# June Lee

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(###)###-#### June87Lee[at]gmail.com  
Profile Page: <https://jl-coderepo.github.io>  
Repository: <https://github.com/jl-coderepo>

## Education

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University of California, Los Angeles  
B.S. in Computer Science, December 2017

## Projects

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### Flappy Hand Game

- An imitation of “Flappy Bird” game.
- Primary purpose is to implement revealing module design pattern to take advantage of encapsulation. Able to pass in different modules to the game module to change behavior.

### Personal Profile Page

- A website that contains basic information about myself.
- Primary purpose is to implement Bootstrap 4 library to create a responsive site.

### Simple Twitch Chat Bot

- Simple chat bot using open source Twitch’s api (tmi.js).
- Motivation for this project was to act as a warmup for javascript.

### Bruinbase

- A website that organized data regarding movies and established relevant relations.
- Responsible for coding in HTML/CSS for the frontend of the web app and coding in C for the database to utilize correct calls to MySQL to get correct query results. This was an old class project.

### QR Code Reader

- Using the Diligent Genesys FPGA board my team and I implemented a QR-Decoding library which read input from a VModCam. We output progress and previews to a monitor and analyzed the decoded message for instructions to an attached LED light.
- Responsible for aligning the QR-Decoding library to microblaze (c interface for FPGA) and responsible for debugging the display driver. This was an old class project.

### Simple 3D Game

- Used WebGL to create a game of a block dodging other blocks.
- Responsible for collision detection and physics behind 3D fracture using WebGL and utilizing physics of 2D kinetic collision. This was an old class project.

## Courses

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Software Engineering	Algorithms and Complexity
Introduction to Computer Graphics	Digital Design Project Lab
Database Systems	Artificial Intelligence

## Experience

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### Project Manager

- JL Design and Build, January 2018 to present
- Current holder of CSLB B license for general building contractor (#1026504).

## Skills

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Javascript	Java	Python	OCaml
HTML/CSS	C/C++	MySQL	CLISP