Gabriel Rangel

La Jolla, CA
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EDUCATION

University Of California, San Diego , CA — *B.S. Computer Science*

September 2014 - December 2017

PERSONAL PROJECTS

Personal Website — *HTML/CSS/Javascript, jQuery*

- www.gabriel-rangel.com

NextBusPlease —*Javascript, Pebble.js, OneBusAway API*

- Location based pebble application.
- Determines closest bus stop to the user and lists scheduled arrival times for each route at that stop.

SketchPad —*HTML/CSS/Javascript, jQuery*

- Interactive etch-e-sketch webpage where users can "draw" on a resizeable virtual sketchpad.

Basic Life Counter — *Android Studio*

- Magic the Gathering life counter with simulated die rolling to make gameplay more convenient.
- Published Android application with over 100 downloads.

Pong Replication — *Unity, C#*

- Duplicated the popular video game Pong.

SCHOOL PROJECTS

Rent It — *Android Studio*

- Worked in a simulated client/developer scenario that required the development of an eBay/Craigslist type app where users could rent out various items.
- Constructed the UI for the listing page which included an image slider.

Pedal2Play — Raspberry Pi, Arduino

- Worked in a team that enhanced a bicycle powered video game emulator using a Raspberry Pi and an Arduino.
- Made to encourage children at the Learning Center in the Town and Country community housing complex to stay active.

LANGUAGES AND PROGRAMS

HTML/CSS/Javascript

Java

C/C++

C#

XML

Git

Unity

Android Studio

Unix

OTHER INTERESTS AND SKILLS

Wrote complete soundtrack for RecyCool, a children's educational computer game. Worked closely with developers.

Proficient in Ableton Live.

Active on Soundcloud - Orchestral compositions, Samples of video game soundtracks, bumps.

Composer Jam 2016 submission - Composed orchestral piece that was ranked.

PROJECT LINKS

- Personal Website: www.gabriel-rangel.com
- Active GitHub account :): https://github.com/glrangel
- Rent-It: worked on the UI for craigslist/eBay android application
  https://github.com/ucsdCSE110wi16/CSE110W240T10
- interactive etch-e-sketch:
  https://htmlpreview.github.io/?https://github.com/glrangel/sketchpad/blob/master/index.html
- Magic the Gathering Android Application:
  https://play.google.com/store/apps/details?id=com.magic.theshire.mycounter&hl=en
- Google homepage:
  https://htmlpreview.github.io/?https://github.com/glrangel/google-homepage/blob/master/index.html
- SoundCloud: https://soundcloud.com/gabriel-rangel-243434407 (username: Strider)
- Game Jam Submission: https://itch.io/jam/composer-jam/rate/77975