DAVID LOUIE

FULLSTACK WEB DEVELOPER

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Skills

LANGUAGES

Ruby
JavaScript (jQuery, AJAX)

DATABASES

ActiveRecord
SQL

WEB FRAMEWORKS

Rails
Sinatra

METHODOLOGIES

Object-Oriented Design
MVC Struture
RESTful Design
Agile Development

FRONT END

HTML5
CSS3

VERSION CONTROL

Git
GitHub

SOFTWARE DEVELOPMENT KITS

Xcode

SOFTWARE

Final Cut Pro X
Adobe Photoshop
Microsoft Office
GarageBand

Above any occupation I may assume, I am a student, and I will always be a student. I feel like I'm constantly learning wherever I am. Through my experience in college, I gained a true understanding of my own metacognitive learning abilities. Through my work with community organizations, I have learned the importance of strong communication skills across different contexts and platforms. With Dev Bootcamp, I learned how to use Javascript and Ruby on Rails to make Web apps, and applied that learning process to Swift. With this, I was able to develop an app with my team in just 5 days. And as a Web developer, I love that I will constantly expand on my skillset and apply what I've learned to new picking up new languages and technologies.

Projects

Carrot-App

Source Code: https://github.com/dthelouie/Carrot-App
Carrot-App is an iOS application built in Xcode with Swift that helps you avoid social faux pas when it comes to eating your carrots. It uses your device's microphone and actively surveys the noise level of the room that you're in to tell you whether or not you can eat your carrots without disturbing the people around you.
- Built over 5 days with no prior knowledge of Swift
- Makes use of Apple's AVFoundation and CGAffine frameworks
- Uses device microphone to measure the room for an average power level in decibels
- Gives a prompt for the appropriate action by comparing the room's average power level to that of the bite of a carrot
- Soon to be featured on the Apple App Store

Survey Code Monkey Gorillas

Source Code: https://github.com/nyc-squirrels-2016/survey-code-monkey-gorillas
A simple survey site with users that can create and take surveys.
- Implemented token system to give creators the ability to control who takes their surveys
- Tokens limit unregistered users to taking any given survey only once
- Built with Ruby and Sinatra

Stack Flow-no-mo

Source Code: https://github.com/nyc-squirrels-2016/stack-flow-no-mo
A site where users can post questions that can be answered by other users.
- Questions and answers can be commented and voted on
- Users must be logged in to participate in posting of any kind
- Built with Ruby on Rails

A 2048 Clone.

LIve Link: http://dthelouie.github.io/projects/2048-clone/index.html
Source Code: https://github.com/dthelouie/256-challenge
A game in which the player combines powers of 2 to make higher numbers, with the goal of reaching 2048 and beyond.
- Built with JavaScript, including libraries such as UnderScore.js and jQuery

Employment

Baruch College Summer Camp — New York, NY, 10010
Camp Counselor — Jul 2013 to Aug 2013, Jul 2014 to Aug 2014, Jul 2015 to Aug 2015
Baruch College Summer Camp is held every summer. Since most of the children that attend camp either live near the campus or have parents working in the building, this program gives parents a safe place to leave their children while they work during the day.
- Ensure the safety of children age 4 to 14 during camp activities such as swimming, gym, arts & crafts, and computers.
- Consistently liaise and communicate with parents to address the specific needs of their children

Greater Port Jefferson Arts Council — Port Jefferson, NY, 11777
Projectionist — Sep 2014 to Oct 2014
Twice a year, the Greater Port Jefferson Arts Council hosts a 6 week documentary series, during which, once a week there will be a documentary covering various topics screened for the public to enjoy.
- Handled the retrieval and transport of sound equipment for the Port Jefferson Documentary Series
- Managed the setup and operation of equipment during weekly documentary screening
- Facilitated Q&A sessions with directors of the featured film and the attending audience

Education

Dev Bootcamp

Dev Bootcamp is a 19 week immersive web development program. Students go from being programming novices to fullstack developers by being taught the fundamentals of object oriented programming, model view controller structure, and web frameworks such as Sinatra and Rails.

Stony Brook University

B.A. Economics 2014
Minor Music 2014
Stony Brook University is a branch of the State University of New York, and is located on Long Island.