

DANIEL MACAUYAG

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I am a Civil Engineer turned Web Developer proficient in JavaScript development and the MERN Stack. My previous engineering experience has allowed me to exercise my strengths in logic and problem-solving to produce innovative and effective solutions to real-world problems. I am passionate about building highly functional and well designed full stack applications. Currently, I am working on further developing the user interface and functionality of my application, Let's Move, an application for users to find popular running and cycling segments from anywhere in the world.

Technical Skills

JavaScript | HTML | CSS | jQuery | Node.js | React | Express | Ruby | Ruby on Rails | SASS | Bootstrap | Mongoose | PostgreSQL | MongoDB | Git | GitHub | Heroku | Gulp | AJAX | JSON | ES6

Projects

Let's Move (HTML | CSS | JavaScript | Bootstrap | MongoDB | Express | React | Node.js | Google Maps API | Strava API)
Let's Move is a web application created for users to locate popular running and cycling segments from anywhere in the world. Users can navigate across different locations via the map and retrieve information about popular cycling and running segments based on the current map location.

Twitlitics (HTML | CSS | JavaScript | jQuery | Mongoose | Bootstrap | Express | Node.js | MongoDB | Twitter API)
Twitlitics is a free Twitter analytics application that was built by myself and two other colleagues during my time at General Assembly's Web Development Immersive Program. The application is meant to be used by non-Twitter users to be able to view real-time trending topics, users, tweets and hashtags via the Twitter API.

VidLinkz (HTML | CSS | JavaScript | Ruby | jQuery | Bootstrap | Ruby on Rails | PostgreSQL)
VidLinkz is a web application created for users to save their favorite web videos. Users can save links to their favorite web videos simply by entering the video URL which will in turn generate an iframe element to visually display the favorited video.

Blackjack (HTML | CSS | JavaScript | jQuery)
A web-based version of one of the world's most popular casino games. Also known as "twenty-one", two players take turns playing against the dealer trying to score 21 without going over.

Experience

BKF Engineers - Design Engineer *July 2015 - February 2017*

- Prepared construction documents, specifications and estimates for various roadway and civil infrastructure projects throughout California.
- Performed roadway and hydraulics calculations for roadway, bridge and street improvement projects.
- Collaborated with coworkers and outside agencies in order to meet strict project deadlines and objectives.

Caltrans - Student Assistant *December 2014 - May 2015*

- Collected and recorded roadway data from analysis of as-built construction plans.
- Gathered history of roadway projects and pavement treatments for PavEM software.
- Recorded data from roadway core samples to upload into iGPR-Core.

Education

General Assembly
Web Development Immersive - Front End / Back End Web Development

University of California, Davis
Bachelor of Science, Civil Engineering

Certification

Engineer In Training - Board for Professional Engineers, Land Surveyors, and Geologists