**Matthew Mejia**

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Email: [mattcmej@gmail.com](mailto:mattcmej@gmail.com) GitHub: <https://github.com/Mattmej>

Full-Stack Web Developer experienced in jQuery, React.js, and Express.js. Strengths in back-end development, quick language learning, and interpersonal skills.

**Technical Skills**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* HTML, CSS, JavaScript Front-End Programming Languages
* jQuery JavaScript Library
* GitHub Hosting Service
* Heroku Hosting Service
* Bootstrap CSS Library
* Handlebars.js Templating Engine
* Node.js Server Environment
* Node Package Manager
* Express.js Web Application Framework
* React JavaScript Library
* SQL
* Firebase Application Development Platform
* MongoDB
* Java Programming Language
* C Programming Language

**Other Skills**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Microsoft Word, Excel, PowerPoint
* DipTrace PCB Design Software
* Soldering on Circuit Boards
* MuseScore Music Score Writing Software
* Sylvan iPad Software

**Education**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**UCLA Full-Stack Web Development Boot Camp, Los Angeles, California (2018)**

GitHub, HTML, CSS, Bootstrap, JavaScript, jQuery, Firebase, Node.js, Node Package Manager, Express.js, Heroku, SQL, MongoDB, React.js, Handlebars.js

**Occidental College, Los Angeles, California (class of 2015)**

**Major:** *Physics with Mathematics emphasis*

Introductory Mechanics, Waves and Optics, Introductory Electromagnetism, Modern Physics, Thermal Physics, Simulations in Physics (Programming Class), Math Methods in Physics, Solar Panel Independent Study

**Minor:** *Mathematics*

College Calculus, Linear Algebra, Multivariable Calculus, Discrete Mathematics, Graph Theory, Ordinary Differential Equations

**Apps Built / Projects**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**North Hollywood Church Website** ([**https://528491.github.io/Project-1/**](https://528491.github.io/Project-1/))

* A homepage that interfaces with the Facebook, Google Maps, and YouTube APIs.
* Designed for a Vietnamese church in North Hollywood
* *My Role: Programmed YouTube video display using YouTube API*

**Full-Stack-Burger** (<https://aqueous-meadow-48894.herokuapp.com/>)

* A full-stack application that connects to a SQL database
* Can add values to the database’s table via an input box on the webpage.
* Can edit the table’s values by clicking a button.
* Webpage updates when database info is updated

**Star Wars RPG** (<https://mattmej.github.io/week-4-game/>)

* A front-end game that uses jQuery to handle various events and conditions.
* Has characters, consistent rules, and winning and losing conditions.
* User can achieve winning condition using any character.

**Liri Node App** (<https://github.com/Mattmej/liri-node-app>)

* A back-end application that uses Node packages and APIs to perform four functions
  1. Check the last 20 tweets on their Twitter
  2. Look up a song on Spotify
  3. Look up the information of a movie
  4. Read a text file’s arguments and run a valid argument in the file

**Professional Experience**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Sylvan EDGE Instructor,** *Sylvan Learning,* Woodland Hills, CA

* **October 2016 – April 2017**
* Taught grade-school children robotics with Lego kits and laptops
* Instructed middle- and high-school students in math, english, and science.

**Tutor,** San Marino, CA

* **October 2016 – present**

* Independently tutoring high school students in physics, calculus, and math SAT prep.
* Building my attention to detail and problem-solving skills

**Substitute Teacher,** *Flintridge Preparatory School,* La Cañada Flintridge, CA

* **January 2016 – present**

* Teaching as a substitute teacher for high school students in many subjects, but especially in math and physics.
* Taught an AP Calculus course for a total of 60 students for half of a semester.

**Tutor,** *Perfect Fit College Consultants,* San Marino, CA

* **May 2015 – October 2016**

* Tutored high school students in physics, calculus, and math SAT prep.
* Built my attention to detail and problem-solving skills.

**Volunteer Experience**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solar Cup Workshop Instructor**, *Metropolitan Water District of Southern California*, Los Angeles, CA

* **December 13, 2014**
* Ran a workshop which taught high-school students about electrical circuits.

**Solar Panel Programmer**, *Occidental College*, Los Angeles, CA

* **June 2013 – December 2013**
* Created a schematic for a solar panel power tester.
* Developed the program which the device uses.