


# DAVID LAC

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## TECHNICAL SKILLS

**Programming:** Javascript, HTML, CSS, APIs, JSON, REST

**Databases:** MySQL, Mongo

**Workflow Tools:** GIT, github, Heroku

**Libraries:** Node.js, express, Sequelize, Bootstrap,

Materialize, Handlebars, REACT, Howler.js, Paper.js

**Other Skills:**

Adept in R&D, product development, teamwork, experiment design, evaluations, and statistical analyses.

Adobe Photoshop, Adobe Lightroom

Shopify, Wordpress

## EXPERIENCE

### **PLW Education Tutoring**

- A full stack web application tailored made for a client providing tutoring services. Tutors are given accounts where they can create availability timeslots and students seeking tutoring can search and insert themselves in those timeslots. Using stack react, mysql, node, & express.
- <https://plw-tutor-service.herokuapp.com/>

### **EventStay**

- A frontend web app routing users to hotels near their desired events. Users can choose an event anywhere in the world and find the cheapest, highest rated hotels near it.
- <http://nanettejulius.com/EventStay/>

### **TapTapBeat**

- Front end application using Paper.js and Howler.js libraries. Press any of the 27 letter keys to generate a shape and a sound.
- <https://kiddmit3.github.io/TapTapBeat/>

### **Friend Finder**

- Application with Express using an algorithm to match users with other users based on compatibility.

## PREVIOUS EXPERIENCE

### **PLW Education, Pasadena, CA; June 2016 – Present**

#### ***Private Tutor***

Provide one-on-one educational assistance to secondary school students in the subjects of Math, Biology, Chemistry, and Physics. Currently teaching students in AP Calculus and AP Computer Science A (Java).

### **Maple Grove Gluten Free Foods, Chino, CA; February 2014 – August 2016**

#### ***R&D Manager, Previously Product Development Specialist***

An integral part of the team where I oversaw the development and production of over 30 new products resulting in a projected \$4 million revenue. I led audits, developed new formulations with my team, and created effective methods in generating ingredient statements, nutritional labels, and specifications using excel and forms.

## EDUCATION

### **UCLA EXTENSION, Los Angeles, CA (October 2017)**

Certificate in Web Development (Full Stack)

### **UNIVERSITY OF CALIFORNIA, Davis, CA (June 2012)**

*B.S. in Biological Sciences*

## ACTIVITIES & INTERESTS

**Alpha Phi Omega, UC Davis Chapter:** Webmaster, 100+ hours of community service

**COPE Health Scholar, Citrus Valley Health Providers:** 100+ hours hospital volunteer

**Rock Climbing:** Touchstone SoCal 2016 1<sup>st</sup> Place Men's Intermediate Bouldering

**Photography:** T2i body with 17-50mm f/2.8, 24mm f/2.8, 30mm f/1.4, 40mm f/2.8, & 80mm f/1.8 lens