



# MICHAEL SANDOVAL

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## TECHNICAL SKILLS

### Strong

JavaScript (ES5, ES6)	Flexbox
React.js	Bootstrap 4
CSS3	Procedural Programming
Redux	HTML5
PostgreSQL	

### Experienced

MySQL	Linux (Ubuntu)
Functional Programming	PHP
Adobe PR/PS	Socket.io
Node.js (Express)	Object-Oriented Programming
React Router	RESTful APIs
jQuery	RDBS

### Tools

Git/GitHub	Figma
Fetch/AJAX	VS Code
Bash CLI	Docker
MeisterTask	DB Designer
Chrome Dev Tools	Slack
Postman	npm
Webpack	AWS (EC2)
Heroku	Docker

## EDUCATION

### University of California, Los Angeles (UCLA)

Los Angeles, CA

B.A. in Anthropology, Cultural and Evolutionary Principles

### LearningFuze

Irvine, CA

Accelerated Web Development Program  
800+ hours over 3 months of web development under supervision of senior developers

## PERSONAL HOBBIES

### Backpacking

Thru-Hike, Out-and-back trails  
Angel's Landing, Zion National Park  
Lost Palms Oasis, Joshua Tree National Park

### Video Games

RPG - Dark Souls, Elder Scrolls  
FPS - Counter-Strike, Halo

### Cooking

Apricot Pie, Potato Salad, Homemade Tomato Sauce

## APPLICATIONS DEVELOPED

### Remogy

[GITHUB](#)

Multi-User Remote Education web app designed to increase interaction during live-streamed classes

- Incorporated **Node.js** with **Socket.io** for real-time event updates
- Designed **MySQL RDBMS** managing question, answer, video, and user data
- Built with **React.js** front-end running various **npm** packages
- Developed with **agile** methodology to organize and execute work in 2-day sprints
- Employed **Twitch.tv API** to feed live streams and chat functionality into app
- Designed responsive styling and layout with **Bootstrap 4**
- Implemented **Webpack** to bundle client-facing code base

### UltraLite Gear (Most Recent)

[LIVE](#) [GITHUB](#)

Shopping cart app selling backpacking gear

- Integrated **React.js** + **Bootstrap 4** for an efficient and completely **responsive** design
- Hosted on **Heroku** using their **Node.js** buildpack on a Hobby Dyno
- Constructed **RDBMS** using **Node.js Express** server linking to a **PostgreSQL** DB
- Built custom **PL/pgSQL** functions to assist in managing cart/user/product data
- Combined **Redux** and **React Router** to manage state and front end routing

### National Park Memory Match

[LIVE](#) [GITHUB](#)

National Park-themed card-flip matching game

- **jQuery**, **CSS**, **HTML** combine for dynamic styling and functionality
- **cURL** calls using a **PHP** proxy to actively fetch **API** data and hide **API** keys
- Focused on **cross-browser** compatibility and **responsive design**
- Applied **Procedural** programming principles to manage app functionality

## PROFESSIONAL EXPERIENCE

### Client Operations Associate

2017 - 2018

Maestro (Technology Startup)

- Formulated and implemented strategies for streaming entities of all types
- Consulted over 20 clients in growing, analyzing, and monetizing audiences
- Collaborated with dev team to identify, log, and address bugs/user requests
- Trained clients/company candidates in use of platform and kept them abreast of new feature releases
- Managed relations with high value accounts vital to company success
- Created tutorial videos and assets for Zendesk using **Adobe Premiere/Photoshop**

### Film/Television Production

2013 - 2017

Multiple Studios (Entertainment)

- Worked with NBC/Universal, Amazon, Netflix, Warner Brothers, and Disney
- Promoted twice, from entry level (Production Assistant) into management (Production Office Coordinator)
- Directed staff workloads to meet strict deadlines and trained support staff
- Acquired and monitored equipment critical to show's success
- Facilitated information flow across departments via email and hard copy distribution
- Closely assisted executive-level producers with all day-to-day tasks
- Maintained strong working relationships with studio contacts, managed cast, and delivered critical legal documentation