

# Luis E Torruella

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## SUMMARY

Created projects in the past couple years from User Interfaces to Databases, spin up and secured servers and created API. Strong passion for the process learning breaking things down to its simplest most manageable parts and then turning them into great solutions. The next logical step is to take my skills to the next level and deliver on a professional level and become a great asset for a great company.

## WORKS

**StartUp Company-** (Aug.2016- Oct.2017)

*Helped build a successful web app that allow users search environmental technologies*

### **Web Developer**

- Turn a Design Sketch into static a static Html Css UI using bootstrap CSS
- Communicated with an external API with JQuery AJAX methods
- Implemented error handling with jQuery
- Added functionalities and search inputs with jQuery
- Wrote Documentation for codebase Maintenance

**Logs(Udacity Project)** - (Nov.2017)

*Successfully organized over a million tables worth of data in and found insights*

### **Student**

- Used Psycopg to search and organize data to answer questions such as “Top authors” and “Top Articles” in the database
- Organized code with PEP8 style guide
- Formatted the output text for readability

**My Reads(Udacity Project)** - (Dec. 2017)

*Developed a Single Page Application with React that communicates with a third party API with CRUD functionality*

### **Student**

- Cloned Udacity’s starter code
- Refactored the codebase to ES6
- Created routes with react router
- Turn starter code from one file into modular components
- Added a Search functionality feature
- Pass data and methods with props from parent component to child

**Neighborhood(Udacity Project) - (May.2018)**

*Display Data from third parties API in an easy to use format*

**Student**

- Used Google Maps Api and Foursquare API to create a dynamic, single page web application
- Bootstrapped Development with external Framework such as Bootstrap CSS for styling and Knockout Js for functionalities
- Created a search input feature that communicates with foursquare and retrieves data real time with Knockout JS's AJAX method
- Implemented asynchronous error handling with knockout Js
- Displayed the data on both custom UI and on Google Maps UI when called showing the user the exact location of their queries

**Catalog(Udacity Project) - (June 2018)**

*Complete Full Stack Application with CRUD functionality and User tracking*

**Student**

- Created a Flask Web Application with best practices such blueprints, PEP8 and project file structures
- Created a database that tracks users and handles CRUD operations with postgres
- Allow communication between the database and flask with SQLAlchemy
- Hosted an API for data requests with Flask and SQLAlchemy
- Deployed a production-ready web application to AWS Lightsail using apache
- Secured Lightsail VPS with best practices such as not allowing root login, changing the ssh port, adding custom user for administration purposes and firewall settings

**Custom POWER-UP Trello Application(Work For Client) - (Aug.2018)**

*A custom solution with Trello allowing User to search a team members and all the cards and list associated with him/her*

**Software Engineer**

- Used the Trello's API with Express JS request to create custom triggers that organize data stored in Trello based on clients' specifications
- Designed and implemented a custom UI that works on Trello's client using their CSS library for consistency
- Implemented a database that performs CRUD operations using Express and Sequelize JS
- Created a Postgres database that communicates with Express Js using Sequelize JS

**Tskrr(Work For client) - (Dec.2017- June.2018)**

*Backend for a truck driving tracking app*

**Software Engineer**

- Deployed a production-ready web application on Heroku
- Implemented a REST service using the Django framework for API operations
- Built a responsive UI for system administrators
- Implemented a feature to send notifications for a payment system
- Built a geological user tracking system

**API for Viberoom.radio - (Oct.2018 - Present)**

*API to store webhooks sent by Patreon's website*

**Software Engineer**

- Secure server by not allowing root sign, created a custom admin profile to and changed the port for SSH
- Added custom ssh key for passwordless communication with the server
- Set Up a Postgres server to store data
- Created custom algorithms to organize the data received from Patreon webhooks
- Used Express Js to create routes that receive webhooks from Patrons API
- Created a communication stream between Express and Postgres using Sequelize JS
- Hosted an API to request data with Express js and Sequelize Js

## **WORK EXPERIENCE**

### **Entrevation-** (Dec. 2018 - Present)

- Build Scalable Web Apps with Django Framework.
- Separate each business logic into individual Django apps for easy of maintenance
- Deploy Apps to server using container with Nanobox.
- Create Styles and Organize them using BEM methodology
- Monitor, update and audit Production Server.

## **EDUCATION**

**Academy Of Art -- San Francisco, CA -** ( Jan.2009- Jan.2010)  
Entertainment Design

**Linux Academy -- Online -** (Oct.2017- Dec.2017)  
Cloud AWS Developer and System Administrator

**Udacity -- Online -** (May.2017- June 2018)  
Full-Stack Web Developer Nanodegree Program

**Datacamp -- Online -** (Dec. 2018- Present)  
Python and Data science

## **TECHNICAL SKILLS AND QUALIFICATIONS**

### **Web Development Skills:**

jQuery, Vanilla JavaScript, Vue CLI, React, Knockout, Bootstrap, Bulma, HTML/CSS/SASS, ES6 JS Development, AWS EC2/Lambda/RDS/Lightsail, Node JS Full Stack Development, CSS Grid

### **Development Tools:**

NPM, Gulp, Babel, WebPack/Browserify, Visual Studio, VIM

**Back End Frameworks:** Flask, Django, Express

**Databases:** Postgresql, SQLite