

Felipe Fernandez

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Education

California State Polytechnic, Pomona, B.S in Computer Engineering	2009
Fundamentals of Engineering Exam (FE Exam), Electrical and Computer Engineering	2015
Hack Reactor, Advanced Software Engineering Remote Immersive	2018
Udacity, Front-End Web Developer Nanodegree	2016

Technical Skills

Front End: ReactJS, jQuery, HTML, CSS, Bootstrap, JavaScript (ES6)

Back End: Node.js, Express, Mongoose, MongoDB

Developer Tools: Git/GitHub

Software Engineering Applications

SimplifAi | ReactJS, Node.js, Google Sheets API, TravisCI, Chart.js, CSS

Let us find realistic future data points. | vast-meadow-27075.herokuapp.com

- Dynamically rendered preview of user Google Sheets data on the app.
- Automated the creation of spreadsheets with user data.
- Presented graphical representation of input so user can see trends in their data.

PicWorthy | ReactJS, Node.js, Mongoose, MongoDB, Bootstrap

Find and share places worth seeing. | blooming-bayou-39371.herokuapp.com

- Added functionality that enables picture album editing and deletion.
- Implemented full-stack feature that allows users to see gallery of friends' pictures.

FriendFinder | ReactJS, Node.js, Mongoose, MongoDB, Google Maps API

Remember the locations of your remote friends with this app. | protected-plateau-74346.herokuapp.com

- Converted user input of friends' cities to geographic coordinates using Google Maps API.
- Enabled data persistence so friends' locations appear on map upon load.

Professional Experience

Web Development Intern | ActiveLAMP

2017

- [ActiveLAMP](#) | HTML, CSS, Jekyll
 - Implemented pagination to "Musings", allowing users to view all results of specific category.
 - Enhanced mobile view for pages of website, refining locations of images, buttons, and text.
- [All American Fence Erectors](#) | HTML, CSS, Drupal 8
 - Fixed functionality of slideshows, allowing it to render correct picture upon click.
 - Adjusted slideshow layout for mobile view, preventing button overlap.
- **Make-A-Deal** | HTML, CSS, JavaScript, AngularJS
 - Remedied user input of purchased products with validation, taking into account entries of less than 1.
 - Removed duplicates, rendering based on salesperson rather than product sold.

Teacher | Sylvan

2015 - 2018

- Inspired students to learn programming using Tynker Technology by showing off a [Simon](#) game app I built and "hacking" websites through Chrome Dev Tools, which attracted more clients.

Instrumentation and Controls Engineer | IES

2014 - 2015

- Composed internal Standard Operating Procedures (SOPs) for equipment and processes, enhancing communication and understanding between different departments.

Engineer I | WorleyParsons

2011 - 2013

- Coded program that calculated possible width ranges for an orifice plate, increasing verification speed of manual calculations by higher level engineers.