

# Felipe Fernandez

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## Technical Skills

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

**Back End:** Node, Express, GraphQL, Mongoose, MongoDB, Python

**Developer Tools:** Git/GitHub, Heroku CI/CD, Travis CI, Jest

## Recent Software Engineering Applications

**Obento** (*in progress*) | ReactJS, Redux, Apollo, GraphQL, Node, Express, Mongoose, MongoDB, ReactDnD, Heroku CI/CD

*Plan your weekly meals and share your meal plans.* | obento-app.herokuapp.com

- Enabled recipes to be drag and dropped into days to store recipe data in each day with ReactDnD
- Created GraphQL queries to fetch and add recipes to mLab Mongo database.
- Setup continuous integration and deployment for easier collaboration between software engineers.

**ProjectGallery** | ReactJS, Redux, Jest, Enzyme, JavaScript, CSS

*A solution to view projects I've worked on.* | enigmatic-meadow-17496.herokuapp.com

- Added filter functionality to allow users to filter projects by name and technology.
- Modified React components to become stateless functional with Redux.

## Professional Experience

**Teaching Assistant** | Trilogy Education

2019 - Present

- Assisting instructor in teaching adult students full stack development, focusing on technologies such as HTML, CSS, Git/GitHub, ReactJS, jQuery, Node, Express, and MongoDB.

**Teacher** | Sylvan

2015 - Present

- Teaching JavaScript among other courses, and inspiring students to learn coding by showing off a Simon game app I built and "hacking" websites through Chrome Dev Tools, attracting more clients.

**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 correct picture to show 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 duplicate data, rendering based on salesperson rather than product sold.

**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.

## 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