

# Elaine Lin

<https://linkedin.com/in/elainewlin>

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## **Overview**

Full stack software engineer experienced in managing projects and working in different stacks.

**Technologies:** Javascript, Python, PHP. React, Redux, node.js, Django. MySQL, MongoDB.

## **Work Experience**

**Yelp**, San Francisco, CA

Sep 2017 – present

*Software Engineer*

- Coordinated rolling out new deploy processes for more automated and safer deploys
- Championed better system on-call processes to reduce alert fatigue for the team
- Led project to update restaurant analytics emails using PHP and MySQL
- Launched engineering initiative to upgrade Django to 1.11
- Led React/Redux project to protect core flows of the application with a PIN

**Yelp**, San Francisco, CA

May 2017 – Aug 2017

*Software Engineering Intern*

- Converted room editor from Backbone and Django templates to React/Redux
- Improved parsing reliability of reservation importer in Python
- Revised core reservation availability algorithm to account for a new Django model

## **Personal Projects**

**MusicParsed — Multi-column view for song chords in Node.js**

Mar 2017 – present

Created a simpler, more space-efficient site for viewing song chords and playing along

- Connected MongoDB so users can create, edit, and delete songs through the UI
- Wrote automated unit tests in TypeScript to maintain code correctness
- Developed parsing algorithm to display songs more accurately using TypeScript
- Implemented song rendering logic using JSON, jQuery, and Mustache templates
- Designed features to display ukulele/guitar chords, search songs, and transpose songs

**votemate — Voter registration app in React/Redux**

Jul 2016 – Dec 2016

Designed workflow for checking voter registration for any state

- Used Google Maps API to prefill a user's state from their geolocation
- Styled app to be mobile friendly by writing Sass media queries

**FoodParser — WordPress plugin for adding nutrition facts**

Mar 2016 – May 2016

Created tool to automate parsing of unformatted nutritional information strings

- Developed PHP widget that can be used in the built-in WordPress TinyMCE editor

## **Education**

**Massachusetts Institute of Technology**, Cambridge, MA

Aug 2014 – May 2017

B.S. in Electrical Engineering & Computer Science

GPA: 4.8/5.0