

Elaine Lin

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<https://github.com/elainewlin>

Overview

Full stack software engineer experienced in leading projects and improving eng efficiency.

Technologies: Javascript. node.js. MongoDB. React/React Native. Redux. MySQL. Go. Python.

Work Experience

Digit, San Francisco, CA

Sep 2019 – present

Software Engineer

- Integrated LaunchDarkly NodeJS SDK to replace our in-house experiment system
- Led team to build a new onboarding flow using React Native, node.js, and Go
- Migrated data and funds for 300k users off of a deprecated banking platform
- Improved onboarding success rate from 80% to 99% using Go and node.js
- Increased mobile E2E test success rate from 30% to over 90% using React Native
- Led biometrics project to reduce session length from 14 days to 15 minutes
- Integrated IDology to reduce identity verification errors from 10% to under 1%

Yelp, San Francisco, CA

Sep 2017 – Aug 2019

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

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

Education

Massachusetts Institute of Technology, Cambridge, MA

Aug 2014 – May 2017

B.S. in Electrical Engineering & Computer Science

GPA: 4.8/5.0