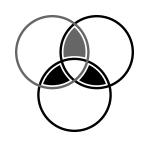
## **Software Engineering Projects**



# **Alexander Leigh**

Software Engineer Los Angeles, CA

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linkedin.com/in/alexander-leigh

### **Profile**

A full-stack developer who leverages knowledge of many different technologies to create well-integrated, scalable and elegant solutions to difficult problems and who possesses constant desire to keep up with new technologies to remain innovative.

### Skills

Languages: JavaScript, Python

Front-End: React, Redux, HTML, CSS,

SCSS, Webpack, Next.js

Back-End: Node.js, Express, Flask, ReST,

Sequelize, Express Session, JWTs

Databases: SQL, PostgreSQL, DynamoDB

Mobile: React Native Version Control: Git AWS: EC2, RDS, Cognito Testing: Mocha, Chai

Other: Agile Methodology, Docker,

Socket.io

ml-sandbox | React | Redux | Node.js | Flask | scikit-learn | PostgreSQL | AWS |
Software Engineer ml-sandbox.io

Educational app that demos uses of machine learning for students

- Implemented handwriting recognition, housing prices prediction, voice recognition demos
- Used various datasets to train classifiers which are integrated into a ReST API
- Spearheaded AI / Machine Learning curriculum

#### Fridge-It

| React Native | Redux | Node.js | Firebase |

#### **Software Engineer**

Mobile app for community refrigerator management

- Enabled users to contribute and track items in people's fridges
- Crafted bulletin board system to facilitate user communication
- Migrated the functionality of the original web app to be centered around mobile user experience

LocalHost | React | Node.js | Auth0 | Socket.io | PostgreSQL | Sequelize |
Software Engineer

App for connecting travellers with locals

- Built a platform allowing travellers to find locals in their location and chat with them
- Architected database and ReST API for storing user data, messages and conversations
- Set up real-time chat between users

### Experience

Nita Law Firm | Law Office Assistant

Marina Vape Manufacturing | Shipping Specialist

Pho Shop | Server

Nov '15 - Jul '16

Textilemagic: Antique Sellers | Assistant

Castleton Festival | Section Violinist

Forte Animal Rescue | Volunteer

Hostelling International Santa Monica | Volunteer

Jul '16 - Mar '17

Nov '15 - Jul '16

Nov '15 - Jul '16

May '12 - Aug '14

Castleton Festival | Section Violinist

Jun - Aug '11, Jun -Nov '12

2015

### Education

**Hack Reactor** | Advanced Software Engineering Immersive 2017 **Indiana University** | B.M. in Violin Performance 2008-2013

### **Interests**

Playing Guitar, Punk Music, Road Cycling, Linguistics, Cooking, Animal Welfare, Nintendo, Travel, Industrial Design, Science Fiction