Alexander Leigh

Software Engineer
Los Angeles, CA

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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	Jul '16 - Mar '17
Marina Vape Manufacturing | Shipping Specialist	Nov '15 - Jul '16
Pho Shop | Server	Nov '15 - Jul '16
Textilemagic: Antique Sellers | Assistant	May '12 - Aug '14
Castleton Festival | Section Violinist	Jun - Aug '11, Jun -Nov '12
Forte Animal Rescue | Volunteer	2015
Hostelling International Santa Monica | Volunteer	2014 - 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