

Alexander Leigh

Software Engineer || Full-Stack Developer
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, HTML, CSS

Front-End: React, Redux, React Native, Sass, Bootstrap, 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, Lambda, RDS, Cognito, S3, CloudFront, Route 53

Techniques: Agile Methodology, Test-driven development

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