



Mike Lyons

Lead Systems
Architect

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EXPERIENCE

Dor Technologies

Lead Systems Architect
San Francisco | 2015 - Now

- Founding engineer, responsible for the initial design and implementation of the software systems that power Dor.
- Designed and implemented a low power **computer vision** algorithm that runs on battery powered IoT devices to track customer foot traffic
- Designed and implemented **data pipeline** that processes millions of events to analyze and improve the performance of thousands of Machine Learning Enabled devices.
- Built a **fullstack** application that gathers data from thousands of foot traffic sensors in order to power the Dor application. Written in NodeJS, hosted on AWS, Docker
- Built a **React** frontend application that displays analytics to business owners, empowering them to make data driven business decisions

CareerLabs

Technical Cofounder
San Francisco | 2015 - 2016

- Lead CareerLabs' team of engineers to build a scalable and job search and employer rating platform. Launched <https://careerlabs.com> in 2015 (Closed 2017)

Mark One / MyVessyl

Software Engineer
San Francisco | 2014 - 2015

- Created a scalable **REST API** in NodeJS that runs on Heroku
- Built a **data pipeline** that processes user data to provide meaningful insights into their health patterns.

Apple

Software Engineering Co-op
Cupertino | 2013 - 2014

- Developed simulator tool in Objective C in order to improve the **scalability** of an OSX Server Application.
- Created **fullstack** web application in NodeJS / AngularJS that processes hundreds of thousand of tickets in order to produce actionable insights.

InstallNet IT Solutions

Annapolis, MD | 2011 - 2012

SKILLS

Software Engineering

NodeJS, AWS, SQL, NoSQL, Heroku, React, HTML5, Angular, Java, Objective C, Python

Data Science

Python, Numpy, Pandas, Tensorflow, Keras, C