



Mike Lyons

Senior Software Engineer

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EXPERIENCE

Dor Technologies - Senior Software Engineer
San Francisco | 2015 - Now

- **First** software engineer at Dor, responsible for the initial design and implementation of all of the software systems that power Dor.
- Built a **fullstack** application that gathers data from thousands of deployed IoT foot traffic sensors and exposes the data as a **REST API** to 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
- Designed and implemented a low power **computer vision** algorithm that runs on battery powered IoT devices to track customer foot traffic

CareerLabs - Lead Software Engineer
San Francisco | 2015 - 2016

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

Mark One / MyVessyl - Principal Backend Engineer
San Francisco | 2014 – 2015

- Created a scalable **REST API** in NodeJS that runs on the Heroku platform
- Built a backend **data pipeline** that processes user data to provide **meaningful** insights into their health patterns.
- Worked with **iOS** and **Android** developers to create an API that allows for seamless data syncing across mobile devices.

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 bugs in order to produce actionable insights for PMs.

InstallNet IT Solutions - Intern
Annapolis, MD | Summer of 2011 and 2012

SKILLS

Software Engineering

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

Data Science

Python, Numpy, Pandas, Tensorflow, Keras, C