



Mike Lyons

Senior Software Engineer

Phone | 301-704-9099

Email | mdl0394@gmail.com

City | San Francisco

Site | <https://MikeLyons.org/>

Github | <https://github.com/frenchie4111>

EXPERIENCE

Dor Technologies - Senior Software Engineer / Data Scientist

San Francisco | 2015 - Now
Founding Engineer

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

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 - Intern
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