Mike Lyons
Senior Software Engineer

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Experience

[Dor Technologies](#) – Senior Software Engineer – 2015 - Now

First software engineer at Dor, a retail analytics startup that helps retailers of all sizes make better staffing, marketing, and operations decisions based on their customer traffic.

- A **fullstack** application that gathers and processes data from thousands of deployed IoT foot traffic sensors. Written in NodeJS, hosted on AWS, Docker
- A **React** frontend application that displays analytics to business owners, empowering them to make data driven business decisions
- A low power **computer vision** algorithm that runs on battery powered IoT devices to track customer foot traffic

[CareerLabs](#) – Lead Software Engineer / Cofounder – 2015 - 2016

- Lead CareerLabs' team of software engineers to build a scalable and future-proof job search platform
- Launched https://careerlabs.com in October 2015

[Mark One / MyVessyl](#) – Principal Backend / Data Engineer – 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 – 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 information for Project Managers and Developers.

RIT – Lab Technician – 2012 School Year
Aertight Systems – Intern – Summer of 2011 and 2012
InstallNet – Software Intern – Summer of 2011

Skills

Data Science: Python, Numpy, Pandas, Tensorflow, Keras, C
Web Technologies: AWS, NodeJS, SQL, NoSQL, Heroku, React, HTML5
Other Languages: Java, C++, Bash