Mike Lyons
Senior Software Engineer

San Francisco
mdl0394@gmail.com
301-704-9099

https://MikeLyons.org/
https://github.com/frenchie4111

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
- Worked with iOS and Android developers to create an API that allows for seamless data syncing across mobile devices.
- Built a backend data pipeline that processes user data to provide meaningful insights into their health patterns.

Apple – Software Engineering Co-op – 2013 - 2014

- Developed simulator tool in Objective C in order to test the scalability of an OSX Server Application.
- Created full 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 / Personal Projects

Web Technologies: NodeJS, PostgreSQL, Heroku, AWS, Ruby (Rails), jQuery, ReactJS, HTML5, CSS3

- Created RndmLnk, a TinyURL generator that links to a list of random links. Built on NodeJS and React, hosted on Heroku.
- Built my personal website in Jekyll, hosted on Github pages.
- Developed several open source libraries for NodeJS, see Github projects for more details.

iOS / OSX Application Development: Objective C, Swift, React Native

- Worked at Apple creating an OSX application that tested server scalability.

- Developed an iOS app called Sassy Seven while participating in the RIT Apple iOS Hackathon.
- Contributed to gInbox, a desktop client for Google Inbox, written in Swift.
- Built several demo applications in React Native.

Android Application Development: Java

- Developed Hearsay, an Android Application, which keeps you up to date on breaking news stories.
- Created Wampum, a twitter-like application that lets you post quotes from your friends.
- Developed Sassy Seven for Android, which required a number of custom UI animations.

Other Programming Languages: C, Python, C++, Markdown, bash Other Tools: Git, SVN, IntelliJ IDEA, Terminal