Mike Lyons

Software Engineer

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Experience

Dor Technologies – Principle Software Engineer – April 2015 - Now
- Created a backend system designed to securely track and analyze retail store foot traffic. Written in NodeJS.
- Worked with a data scientist to develop algorithms to provide meaningful foot traffic correlations to small business owners.

CareerLabs – Principle Software Engineer– June 2015 – Now
- Lead CareerLabs' team of software engineers to build scalable and future-proof software solutions.
- Launched https://careerlabs.com in October 2015

Mark One Lifestyle, Inc. – Principle Backend / Data Engineer – August 2014 – September 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 solution that processes user data to provide meaningful insights into their health patterns.

Apple – Software Engineering Intern – May 2013 - August 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