



# Mike Lyons

Engineer

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## EXPERIENCE

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### Verkada

Backend Team Lead @ Access Control  
San Francisco Bay Area | 2021 - Now

- Responsible for all of the backend and device business logic systems that power the Verkada Access Control product line
- Lead the software design and development of several new product lines for the Access Control space

### Dor Technologies

Lead Systems Architect  
San Francisco | 2015 - 2021

- Founding engineer, responsible for the design and implementation of the machine learning and software systems that powered Dor.
- Shipped a battery powered, neural net driven, IoT device that tracks customer foot traffic.
- Lead the design and implementation of the automated data pipeline that allowed a tiny team of engineers to process millions of events and improve thousands of edge machine learning devices.
- Built a fullstack application that gathers data from thousands of foot traffic sensors in order to powered the Dor analytics platform and provide actionable insight for Dor's customers.

### CareerLabs

Technical Cofounder  
San Francisco | 2015 - 2016

- Lead CareerLabs' team of engineers to build a scalable job search and employer rating platform. Launched <https://careerlabs.com> in 2015 (Closed 2017)

### Mark One / MyVessyl

Software Engineer  
San Francisco | 2014 – 2015

- Designed and built the backend infrastructure that supported an AI driven consumer hardware device.

### Apple

Software Engineering Co-op  
Cupertino | 2013 - 2014

- Improved the scalability of the MDM product line
- Created a fullstack application in JS that processes hundreds of thousand of tickets in order to produce actionable insights.

### InstallNet & Aertight Systems

Software Engineering Intern  
Annapolis, MD | 2011 - 2012

- Built several internal business tools to automate some repetitive tasks

## SKILLS

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### Machine Learning

Python, Numpy, Pandas, Tensorflow, Keras