Mike Lyons

Engineer

Phone | 301-704-9099

Email | mdl0394@gmail.com

City | San Francisco

Site | https://MikeLyons.org/

Github | https://github.com/frenchie4111

Neuralink,

I am a lifelong engineer who loves working on hard problems with smart people. I've spent a majority of my career working on ML enabled hardware products, and I am passionate about how AI will allow machines to extend the capabilities of humanity.

I would be a great fit for Neuralink because:

- I have been a core engineer on several shipping hardware products, many of which were powered by complex machine learning systems.

- I have worked on all parts of the stack. As the first engineer at Dor I built servers, designed hardware, worked on firmware, and developed algorithms with their supporting pipelines.

- I am flexible. Most of all I just want to build cool things, so I am willing and able to learn what's needed to get the job done.

I think what you are building at Neuralink is an imperative technological milestone, and I would love to be a part of what you are doing.

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EXPERIENCE

Dor Technologies
Lead Systems Architect
San Francisco | 2015 - Now

- Founding engineer, responsible for the a large portion of the design and implementation of the machine learning and software systems that power 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 power 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 and 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

- 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
Annapolis, MD | 2011 - 2012

SKILLS

Machine Learning

Python, Numpy, Pandas, Tensorflow, Keras, C

Software Engineering

Docker, AWS, SQL, NoSQL, Python, NodeJS, Whatever gets the job done