

# Luke Mino-Altherr

Software Engineer

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<https://l-ma.github.io>

## Summary

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- Recent graduate with degree in electrical and computer engineering seeking a full-time position
- Enthusiastic about solving meaningful world problems in a collaborative team environment
- Curious learner who wants to get his hands on all aspects of software development

## Professional Experience

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### Metaswitch Networks

San Francisco, CA

*Software Developer for Project Calico*

Jul 2015 - Jan 2016

- Worked on an agile team developing an open-source network fabric for container-based virtualization
- Integrated the product with various container cluster managers such as Google Kubernetes, Apache Mesos, and Docker Swarm
- Exposed to RESTful APIs, open source development and documentation, cloud-based applications, and Linux network security

### Raytheon Company

Sudbury, MA

*Software Engineer*

Jul 2014 - Jan 2015

- Built a software test application in C++ to support the development of the radar front-end software
- Retrofitted and configured an XML data driver to simulate back-end commands
- Routed communication between software components with the OpenDDS and UDP frameworks

### VideoIQ, Inc.

Billerica, MA

*Hardware Engineer*

Jul 2013 - Jan 2014

- Assembled, installed firmware, and tested new units during the release of a new product
- Performed failure analysis on defective camera units by testing system functionality and parsing camera logs for discrepancies
- Created and implemented a new organizational system for all electrical components

## Education

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### Northeastern University, College of Engineering

Boston, MA

Bachelor of Science in Electrical & Computer Engineering, *cum laude*

May 2016

- **GPA:** 3.5
- **Relevant Coursework:** High Performance Computing; Communication Systems; Linear Systems; Noise & Stochastic Processes; Computer Architecture; Algorithms I, II, & III, OOD

## Skills & Interests

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### Proficient Languages:

Python, C/C++

### Familiar Languages:

Java, Swift, Go

### Technologies:

OpenMP, MPI, CUDA, Flask, iOS, MVC, Docker, rkt, OpenDDS

### Interests:

Guitar, Fitness, Cooking, Music recording, Sound synthesis