

Luke Mino-Altherr

Software Engineer

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

Summary

- Recent graduate with degree in electrical and computer engineering seeking a full-time position
- Experience with distributed computing, container technology, and parallel programming
- Created web applications with Flask and iOS applications with Swift

Education

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

Professional Experience

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

Skills & Interests

Proficient Languages:	Python, C/C++
Familiar Languages:	Java, Swift, Go
Technologies:	Docker, rkt, Kubernetes, Mesos, OpenDDS, OpenMP, MPI, CUDA
Interests:	Guitar, Fitness, Cooking, Music recording, Sound synthesis