Luke Mino-Altherr

Software Engineer

(516) 477-0850
lminoaltherr@gmail.com
https://github.com/l-ma

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 closely with the latest container-based virtualization technologies such as Docker and rkt
- Integrated Calico networking with various container cluster managers such as Google Kubernetes, Apache Mesos, and Docker Swarm
- Primarily programmed in Python, sometimes in Go

Raytheon Company   **Sudbury, MA**
Software Engineer   Jul 2014 - Jan 2015
- Built a software test application 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
- Primarily programmed in C++, sometimes in Perl and Python

VideoIQ, Inc.   **Billerica, MA**
Hardware Engineer   Jul 2013 - Jan 2014
- Performed failure analysis of defective camera units by testing system functionality and parsing camera logs for discrepancies
- Developed and administered a voltage surge test procedure to determine which hardware component best protects a camera unit from a potential lightning shock

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