

CAMPBELL ALDEN

Software Engineer

> PROFILE

Computer Engineering and Computer Science graduate from Northeastern University in Boston, MA USA, seeking a software development job in Japan. With two years of experience and expertise in Software and Firmware Engineering, I hope to continue to grow and to apply my skills to interesting challenges.

> EXPERIENCE

Network Software Engineering Intern

January – June 2017

Kumu Networks

Sunnyvale CA, USA

Built a remote configuration library in Python to automate the setup of LTE Relays.

Automated the gain calibration procedure of full duplex wireless modules.

Designed Python drivers for programmatically controlling lab equipment.

Co-created a generic test framework for integration testing and device self-tests.

Network and Firmware Engineering Intern

January – August 2016

Starry, Inc.

Boston MA, USA

Tested millimeter wave radio technology in both the lab and the field.

Designed scripts to facilitate the configuration of the wireless ISP test environment.

Tested radio cards and patched radio card drivers in C.

Software Engineering Intern

January – June 2015

Textron Weapons and Sensor Systems

Wilmington MA, USA

Designed an emulator GUI for testing a proprietary messaging protocol over both UDP and serial.

> EDUCATION

Bachelors

September 2013 – May 2018

GPA: 3.85

Northeastern University

Boston MA, USA

Bachelor of Science in Computer Engineering and Computer Science

SKILLS

Python	<div><div></div></div>
C	<div><div></div></div>
C++	<div><div></div></div>
Java	<div><div></div></div>
Git / GitHub	<div><div></div></div>
Vim	<div><div></div></div>
Jenkins	<div><div></div></div>
MATLAB	<div><div></div></div>
Linux	<div><div></div></div>
Command Line	<div><div></div></div>

HONORS

EECE Capstone: First Place 2017


Northeastern University: EECE
Designed an autonomous drone for the deployment and retrieval of wireless sensor nodes.

Honor Societies

Active member of Tau Beta Pi and Eta Kappa Nu engineering societies.

SOCIAL

 [linkedin.com/in/campbellalden](https://www.linkedin.com/in/campbellalden)

 [CaAlden.github.io](https://github.com/CaAlden)

 github.com/CaAlden

INTERESTS

I have spent the last few years learning Japanese. I also enjoy working on Arduino and raspberry pi projects and playing chess in my free time.

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