

# Kevin Johnson

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kj800x.com • linkedin.com/in/kj800x • github.com/kj800x

Available January – June 2019

## Education

### Northeastern University, Boston, MA

September 2015–present

College of Computer and Information Science

*Candidate for a Bachelor of Science in Computer Science and Mathematics*

May 2020

*Candidate for a Minor in Music Recording*

May 2020

GPA: **3.85/4.00**

Related Courses: Theory of Computation, Algorithms and Data, Computer Systems, Linear Algebra

Honors: Deans List Fall 2015, Spring 2016, Fall 2016, Fall 2017

### Plymouth North High School, Plymouth, MA

June 2015

GPA: **4.35/4.00**

Honors: National Honor Society, A Cappella Director's Award

Activities: Northern Lights A Cappella, Sound Crew Head, FIRST Robotics Team 23, Math Team

## Computer Knowledge

Languages	JavaScript/ES6 (Node.js, Web), Java, HTML5, CSS3, Python, L <sup>A</sup> T <sub>E</sub> X, SQL, Lisp
Frameworks	React, Redux, Jasmine, Agile & Scrum, jQuery, Django
Technologies	Git, Selenium, Websockets, TeamCity, Jenkins, SVN
Operating Systems	Linux Mint, OS X, Arch Linux, Debian, Windows 10
Hardware	BeagleBone Black, Raspberry Pi, Arduino

## Experience

### Frontend Software Developer, HubSpot, MA

January 2018–present

Full-Time Software Development Co-op

January 2018–June 2018

- Developed features to bring Conversations product (real-time instant messaging platform) out of beta
- Lead team to integrate HubSpot's CRM into the Conversations product
- Reviewed co-workers' code to ensure quality

Part-Time Software Developer

July 2018–present

- Improve reliability of Selenium BrowserStack acceptance tests

### Freelance Sound & Lighting, Greater Boston Area, MA

September 2015–present

*Clients include Northeastern University, Plymouth Public Schools, Suffolk University & Priscilla Beach Theatre*

- Prepare and operate audio and visual equipment for events
- Coordinate with other event organizers and staff to ensure polished shows
- Design theatrical lighting for various productions

### Software Development Co-op, PowerAdvocate, MA

January 2017–June 2017

- Developed new features for company's Ext JS web applications
- Designed new tools using Spring Integration to import client data into PowerAdvocate's products
- Utilized the Scrum framework to maximize value delivered to the company
- Assisted in the recruiting process for next semester's co-ops

## Personal Projects

### LightMate

October 2013–present

- Develop a system for controlling theatrical lights using a BeagleBone Black
- Program a web application using JavaScript, Node.js, Python, and Websockets for controlling lights
- Develop assembly code for the TI PRU to bit bang the DMX data line
- Design a custom Beaglebone Black shield using gEDA to construct the DMX signal from the data line

## Interests

KanJam, Sailing, Cryptography, A Cappella, Guitar, Piano, Musical Theatre, Theatrical Lighting Design