

Kevin Johnson

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: **3.87/4.00**

Related Courses: AI, Graphics, Theory of Computation, Algorithms and Data, Linear Algebra

Honors: Dean's List Fall 2015–present

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^AT_EX, 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**

Part-Time: Conversations Team

July 2018–present

- Improve reliability of Selenium BrowserStack acceptance tests

Full-Time Co-op: Conversations Team

January 2018–June 2018

- Developed React & Redux features to grow real-time messaging platform from 100s of users to 10,000s of users
- Organized, led, and oversaw the integration of HubSpot's CRM into Conversations product
- Reviewed co-workers' ES6 code to ensure quality

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 following semester's co-ops

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

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