

# Teresa Krause

github.com/teresakrause  
teresakk42@gmail.com

## EDUCATION

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**Northeastern University** *Boston, MA*

**Fall 2013 Present**

College of Computer and Information Science (CCIS)

Candidate for a Bachelor of Science in Computer Science, 2018

**Honors:** 3.8 / 4.0 GPA, Northeastern University Dean's List

**Relevant Coursework:** Computer Systems (Graduate level, Fall 2015), Embedded Design (Fall 2015)  
Object Oriented Design, Theory of Computation, Circuits and Signals: Biomedical Applications,  
Algorithms and Data, Fundamentals of Computer Science 1 and 2, Discrete Structures, Logic and  
Computation

**Activities:** NUACM (Secretary), NUWiT (VP), HackBeanpot Inc. (VP), NU Hacks

## WORK EXPERIENCE

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**Northeastern University, CCIS Systems** *Boston, MA*

**Spring 2014 Present**

Junior Systems Administrator

- Deployed new desktop machines to the college computer lab, physically installing and managing through Puppet and Foreman
- Developed a proof-of-concept for transitioning to git based homework submissions for introductory courses, and worked on implementing an overlay to automate submission and collection
- Implemented an Elasticsearch-Logstash-Kibana (ELK) log monitoring environment for college machines, including the Zimbra mail server, and successfully detecting and tracking intrusions
- Used Vagrant test environments with Puppet to rapidly evaluate ELK stack deployments and configurations

**Northeastern University, College of Engineering** *Boston, MA*

**September 2015 Present**

Grader, Circuits and Signals: Biomedical Applications

- Assisted students with labs and applied learning exercises
- Evaluated applied learning exercise write-ups, providing feedback for students

**Hubspot** *Cambridge, MA*

**January 2015 June 2015**

Software Engineering Co-op

- Front-end software developer on the Marketing Insights Team, developed and maintained analytics tools using CoffeeScript, Backbone, Jade, and an assortment of other web technologies
- Internationalized reporting apps, refactored code to allow for automated translations and easy review of microcopy
- Updated pop-up dialogs to look consistent across reporting apps and better utilize the open source project vex

**CCIS Undergraduate Experimental Systems Group** *Boston, MA*

**Summer 2014 June 2015**

Leader

- Oversaw all club projects and ensured collaboration between student leaders and college administration
- Collaborated with a team on developing and launching a Digital Display System for CCIS using Python on Raspberry Pis for the front-end and creating custom PHP Wordpress plugins for the back-end

## COMPUTER KNOWLEDGE

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**Experienced:** Java, Python, HTML

**Familiar:** PHP, Ruby, SQL, MatLAB, Javascript and ESX, Backbone.js, jade

**Systems/Programs:** Mac OS, Windows, Linux (Ubuntu, CentOS), Adobe Creative Suite, Final Cut Pro

## INTERESTS

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Programming, Digital Animation, Painting, Photography, Volunteering at the US Wolf Refuge, Robotics, Tetris

References available on request