

Ryan Drew

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Education

Northeastern University , Boston, MA	Sep 2017 – Present
College of Computer and Information Science Candidate for BS in Computer Science	
<i>GPA:</i>	3.78
<i>Activities:</i>	SGA Student Involvement Board, Distilled Harmony A Cappella (Technical Director), NU ACES Community Service Program, WRBB Radio Club (Show Host)
<i>Relevant Courses:</i>	Fundamentals of Computer Science I & II, Discrete Structures, Engineering Design, Building Extensible Systems (Capstone), Algorithms & Data, Physics
North Andover High School , North Andover, MA	Sep 2013 – May 2017
<i>Honors/Awards:</i>	Class Rank 15/330, 4.4 GPA, Treasurer of Class, Cross Country Captain, National Honor Society, MMEA All-State Choir (soloist)

Projects

MEL – Co-Creator	Jan 2018 – Apr 2018
Used Racket to create an embedded, statically typed language for making beats, conceptually to be used for livecoding.	
Identity Crisis – Co-Creator	Mar 2018
Created a Python application to scrape Twitter for players’ “embarrassing” tweets and compare them to high activity celebrity tweets for similarity. Used Flask to create a RESTful API for this application. This project received the 2 nd place prize at HackDartmouth 2018.	

Computer Knowledge

<i>Known Languages:</i>	Java, Python, JavaScript, HTML, CSS, C++, Racket
<i>Software:</i>	SolidWorks, Android Studio, IntelliJ, Eclipse, Vim, Git, Apache
<i>Systems:</i>	Mac OS X, Windows 10, Ubuntu

Work Experience

Northeastern University CCIS – <i>Teaching Assistant</i>	Sep 2018 – Present
<ul style="list-style-type: none">• Hold weekly office hours and assist in teaching labs for Fundamentals of CS 1 Accelerated• Assist students in understanding fundamentals of program design through homework grading comments and individual in-person feedback.	
Ping Identity – <i>Solutions Architecture Intern</i>	Jun 2018 – Aug 2018
<ul style="list-style-type: none">• Built web environment demonstrating features of an IAM platform, including LDAP directory, Federated SSO, and API protection, as well as simple Jetty-deployed web apps• Created Android application showing company-branded MFA for customer demos	
Robie Device Group – <i>Junior Engineer</i>	Jun 2017 – Aug 2017
<ul style="list-style-type: none">• Used SolidWorks to create instrument sets for ALIF and ACIF surgical procedures• Gave concise overviews of work completed at weekly product review meetings	

Interests

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- Distance running, music performance, music criticism, reading fiction