

# Benjamin Muschol

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Available Jan. – June 2017

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## EDUCATION

<b>Northeastern University</b> , Boston MA	Sep. 2014-2019
College of Computer and Information Science	<b>GPA 3.64/4.0</b>
Relevant courses:	Object Oriented Design, Algorithms and Data Structures, Database Design, Embedded Systems, Theory of Computation, Fundamentals of Computer Science 1 & 2
Honors:	Dean's List, Dean's Scholarship, Honors Program
Activities:	Tastemakers Magazine (Design Staff), NU Debate Society (Vice President of Administration)

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## COMPUTER KNOWLEDGE

<b>Languages:</b>	Ruby, Java, SQL, Python, HTML, CSS, Racket (Scheme)
<b>Frameworks:</b>	Rails, Bootstrap, Junit, RSpec, Scrappy, Django, JavaFX
<b>Software:</b>	MySQL, Postgres, Vim, Git, MongoDB, Atom, JetBrains IDEs, Eclipse, Adobe Creative Suite

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## PROJECTS

<b>DebateMate Admin App</b>	In Progress
<a href="https://www.github.com/BenMusch/debatemate-admin">https://www.github.com/BenMusch/debatemate-admin</a>	
Web app to help DebateMate USA manage their volunteers	
To be added: Typeform integration for survey data, Twilio integration for notifications	
<i>Technologies: Ruby/Rails, RSpec, HTML, CSS/SASS, MongoDB, Heroku</i>	
<b>MIT-Tab</b>	May 2016
<a href="https://www.github.com/BenMusch/mit-tab">https://www.github.com/BenMusch/mit-tab</a>	
Added e-balloting system to MIT-Tab, an open-source web app for running debate tournaments	
<i>Technologies: Python, Django, HTML, JavaScript</i>	
<b>NU Casebook</b>	Summer 2015
<a href="https://www.github.com/BenMusch/nu-casebook">https://www.github.com/BenMusch/nu-casebook</a>	
Web app to track historical data about the topics that the Northeastern debate team debates about	
<i>Technologies: Ruby/Rails, HTML, CSS/SASS, Bootstrap, Postgres, Heroku</i>	

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## EXPERIENCE

<b>RetSKU</b> , New York, NY	Jan. 2015-Aug. 2015
<b>Software Engineering Intern</b>	
<ul style="list-style-type: none"><li>Created API endpoints for a mobile app back-end and internal usage</li><li>Developed web scrapers to gather data from retailers' web sites and APIs</li><li>Integrated 3<sup>rd</sup>-party APIs into Rails back-end to improve coverage of product searches</li><li>Expanded test coverage of Python and Ruby projects</li><li>Developed scripts and web UIs to automate QA tasks</li></ul>	
<i>Technologies: Ruby, Rails, Python, Scrappy, RSpec, Postgres, Git</i>	
<b>Computer Mentors</b> , Tampa, FL	Summer 2015
<b>Web Design Mentor</b>	
<ul style="list-style-type: none"><li>Taught web development using HTML, CSS and WordPress to students ages 14-16</li><li>Conducted weekly meetings between clients and students about the projects the students developed</li></ul>	