

Benjamin Muschol

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Available Jan. – June 2017

EDUCATION

Northeastern University, Boston MA

Sep. 2014-2019

College of Computer and Information Science

GPA 3.64/4.0

Relevant courses: Object Oriented Design, Algorithms and Data Structures,
Database Design, Embedded Systems, Theory of Computation

Honors/Activities: Dean's List, Dean's Scholarship, Honors Program, Debate team (Member at Large)

COMPUTER KNOWLEDGE

Languages: Ruby, Python, Java, SQL, HTML, CSS, Javascript, C, Racket (Scheme)

Frameworks: Rails, Scrappy, RSpec, Django, React.js, Bootstrap, JUnit, JavaFX

Software: MySQL, Postgres, Vim, Git, MongoDB, Atom, JetBrains IDEs, Adobe Creative Suite

PROJECTS *(SEE MORE AT [BENMUSCH.GITHUB.IO/PROJECTS](https://benmusch.github.io/projects))*

SCOTUS Laughter

Summer 2016

https://www.github.com/BenMusch/scotus_laughter

Scrapes PDFs from supremecourt.gov, tweets and updates the JSON API when laughter is in the transcript.

Technologies: Python, Flask, Scrappy, Celery, React, Sqlite, HTML, CSS, Twitter API

MIT-Tab

May 2016

<https://www.github.com/BenMusch/mit-tab>

Added e-balloting to MIT-Tab, an open-source web app for running debate tournaments.

Technologies: Python, Django, HTML, JavaScript

NU Casebook

Summer 2015

<https://www.github.com/BenMusch/nu-casebook>

Web app to track historical data about the topics that the Northeastern debate team debates.

Technologies: Ruby/Rails, HTML, CSS/SASS, Bootstrap, Postgres, Heroku

ScrapingHub to Command Line

June 2016

<https://www.github.com/BenMusch/scrapinghub-to-cl>

Chrome extension for ScrapingHub.com to convert terminal commands to jobs and vice versa.

Technologies: JavaScript/ES6, HTML, CSS

EXPERIENCE

RetSKU, New York, NY

Jan. 2016-Aug. 2016

Software Engineering Intern

- Developed web scrapers to gather data from retailers' web sites and APIs
- Integrated 3rd-party APIs into Rails back-end
- Created API endpoints for a mobile app back-end and internal usage
- Expanded test coverage of Python and Ruby projects
- Built automated QA and database maintenance systems

Technologies: Ruby, Rails, Python, Scrappy, RSpec, Postgres, Git

Computer Mentors, Tampa, FL

Summer 2015

Web Design Mentor

- Taught web development using HTML, CSS and WordPress to students ages 14-16

INTERESTS

Public policy, cooking, hip-hop, soccer, podcasts