

# Terry Roy

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**Local:** 40 Leon St | Boston, MA 02115

**Permanent:** 72 Havermill Rd | New City, NY 10956

**Available:** July - December 2018

## Education

### Northeastern University | College of Computer and Information Science

*Candidate for a Bachelor of Science in Computer Science and a minor in Mathematics*

*Expected by June 2020*

- Related Courses: Object Oriented Design, Algorithms and Data, Theory of Computation, Computer Systems, Fundamentals of Computer Science I & II, Logic and Computation, Database Design
- GPA: 3.3/4.0
- Activities: Alpha Phi Omega - Service Fraternity, Club Spikeball

Boston, MA  
Sep 2016 -  
Present

### Clarkstown High School South

- Honors: Principal's Honor List, National Honor Society
- GPA: 4.27/4.56
- Activities: Track and Field, Cross Country, Winter Track and Field

West Nyack, NY  
Sep 2012 - Jun  
2016

## Technical Skills

**Languages:** Java, C, C#, Racket, SQL, HTML, CSS, SVG

**Systems:** Windows, Mac OS, Ubuntu

**Tools:** IntelliJ, Unity Game Engine, Visual Studio, GitHub, LaTeX

## Work Experience

### Northeastern | Student Computer Assistant

- Manage all technology (computers, printers, etc.) throughout Northeastern engineering department
- Work in groups to solve a multitude of software and hardware difficulties experienced by engineering students and faculty around campus

Boston, MA  
Jan 2017 -  
Present

### Kohl's | Retail Sales Associate

- Contributed mainly to shoe department by keeping department presentable and stocked
- Assisted customers to find desired products, often including going through the stockroom
- Adapted to fill empty positions in multiple departments including home, kids, and cashier

Nanuet, NY  
Jun 2017 - Aug  
2017

## Projects

### Project Story | Independent Project

- Story based platforming game coded in C# using Unity Game Engine
- Create art using Inkscape and develop music using Ableton Live to enhance gameplay

New City, NY  
Aug 2017 -  
Present

### QwikTix | Database Design

- A program designed for users to order movie tickets or stream movies online
- Created a database of movie, user, and order data using phpMyAdmin and MySQL
- Developed a java program to query the database for user interaction

Boston, MA  
Spring 2018

### Animator | Object Oriented Design

- An animator coded in Java using IntelliJ which animates a text file encoding an animation
- Designed using object-oriented principles including visitors
- Capabilities include exporting to SVG, scrubbing through animation, choosing which shapes to display

Boston, MA  
Fall 2017

### Memory Allocator | Computer Systems

- A thread safe memory allocator coded in C using Ubuntu
- Stores chunks of memory in a linked list and coalesces adjacent chunks of memory

Boston, MA  
Fall 2017

*References available on request*