

# Olivia C. Petrillo

(774) 454-6252 | petrillo.o@husky.neu.edu | 510 Parker St. Boston, MA 02115

linkedin.com/in/olivia-petrillo/ | oliviapetrillo.github.io

Available: **July - December 2019**

## EDUCATION

---

**Northeastern University**, Boston, MA **Sept. 2017-Present**  
**Khoury College of Computer Sciences** **GPA: 3.86/4.0**  
*Candidate for a Bachelor of Science in Data Science & Biochemistry* **Expected May 2022**  
Related Courses: Object-Oriented Design | Database Design | Biostatistics | Data Collection, Integration, and Analysis | Organic Chemistry | Genetics and Molecular Biology | Discrete Structures  
Activities & Honors: Dean's List | Advanced Placement (AP) Credit | NU Women in Technology | NU Writing Editorial Board | NU Circle K | Alternative Spring Break

**Plymouth North High School**, Plymouth, MA **Sept. 2013-June 2017**

## COMPUTER KNOWLEDGE

---

Languages: **Proficient in:** Java | **Familiar with:** SQL, Racket, HTML/CSS  
Software: IntelliJ Idea, MySQL Workbench, Eclipse, Git

## PROJECTS

---

**Green Line Records Database**, CS3200 (Database Design) **Sept. 2018-Dec. 2018**  
*Co-Creator*

- Organizes and centralizes club data to provide insight into record label
- Cooperated with co-creators and client to create entity-relationship diagram and schema using SQL
- Manually acquired data from various spreadsheets to insert into 20 tables in DataGrip

**Zodihacks**, HackBeanpot **Feb. 2018**  
*Co-Creator*

- Analyzes a user's input for one of 16 Myers-Briggs Type Indicators to correlate to one of 12 zodiac signs
- Implemented Indico's text analysis API for personas for Python, Flask framework and HTML/CSS
- Collaborated with frontend HTML templates, and backend API and Flask framework with Python

## EXPERIENCE

---

**Department of Biology, Northeastern University**, Boston, MA **Sept. 2018-Present**  
*Undergraduate Lab Assistant*

- Support principal investigator with the organization of three laboratory rooms for 27 class sections
- Prepare 50+ agar plates per week, utilize aseptic technique with quadrant streaking, produce various reagents and solutions necessary for lab sections

**NU Circle K, Northeastern University**, Boston, MA **Sept. 2018-Present**  
*Volunteer*

- Volunteer 2-4 hours per week at diverse local organizations including BalletRox and Community Servings
- Complete service projects at biweekly meetings

**Regal Entertainment Group**, Kingston, MA **Nov. 2016-Present**  
*Floor Staff*

- Engage with customers daily through concessions, box office, etc. and reliably solve issues
- Entrusted with closing duties as well as training and acclimating 6+ new associates
- Operate cash register in a secure manner while upselling products and combos to customers

## INTERESTS

---

Hiking | Reading: Young Adult, Fantasy, Dystopian | Board & Card Games | Cornhole | Trumpet (5 years)