

Olivia C. Petrillo

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Available: **July - December 2019**

EDUCATION

Northeastern University, Boston, MA **Sept. 2017-Present**

Khoury College of Computer and Information Sciences

Candidate for a Bachelor of Science in Data Science & Biochemistry

Expected May 2022

GPA: 3.86/4.0

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, R, Racket, HTML/CSS

Software: IntelliJ Idea, MySQL Workbench, R Studio, Tableau, Eclipse, Git

WORK 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

Regal Entertainment Group, Kingston, MA

Nov. 2016-Present

Floor Staff

- Engage with customers daily through one of four positions and reliably solve issues
- Entrusted with closing duties as well as training and acclimating six or more new associates
- Operate cash register in a secure manner while upselling products and combos to customers

PROJECTS

Green Line Records Database, CS3200 (Database Design)

Sept. 2018-Present

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

INTERESTS

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