

Lauren Phan

(856) 994-8804 | [Personal Website](#) | [Github](#)

EDUCATION

Northeastern University – College of Science

Boston, MA

Candidate for Bachelor of Science in Computer Science and Biology

December 2025

- **GPA:** 3.95/4.00
- **Honors:** University Honors Program, Dean's List (Fall 2021-Summer 2023), Stamps Scholar (One of five Northeastern recipients of full merit award based on the acts of scholarship, leadership, and community)
- **Relevant Coursework:** Object Oriented Design, Database Design, Algorithms and Data, Bioinformatics

LEADERSHIP AND EXPERIENCE

Circle K Northeastern

Boston, MA

Vice President of Outreach

April 2023 – Present

- Increase social media engagement by 160% within one month by rebranding the club with engaging content
- Collaborate with executive team to plan 3 service events every week that positively impact the local community

Dong Theoretical and Computational Biology Lab

Boston, MA

Undergraduate Research Volunteer

March 2023 – Present

- Develop MolExtract, a rule-based Python parser that extracts data from Molcas quantum chemistry log files
- Expand the project to support other computational chemistry software and increase package modularity

Northeastern University College of Science

Boston, MA

Teaching Assistant for Genetics and Molecular Biology Computational Lab

January 2023 – Present

- Assist students in learning how to utilize NCBI databases, BLAST, and UCSC Genome Browser
- Facilitate over 60 cumulative students by grading reports, holding office hours, and generating answer keys

Multi-diverse Unified Leaders in the Technology Industry

Boston, MA

Public Relations and Marketing Chair

January 2023 – Present

- Run social media platforms and send weekly newsletters to effectively communicate with 40 general members
- Brainstorm marketing strategies to advertise the promotion of diversity and inclusion in the technology field

PROJECTS

Doc Processor – TypeScript

July 2023

- Implemented 800 lines of code to display and edit assignment templates using web scraped data of 280 courses
- Improved efficiency for building assignments, sending approval requests, and exporting by over 150%

Task Calendar – Java

June 2023

- Designed weekly calendar for users to track events and export information in a custom, JSON-based .bujo file
- Created JavaFX components to develop a user-friendly calendar UI with both built-in and customizable themes

BattleSalvo – Java

May 2023

- Engineered a CLI imitation of Battleship allowing users play against a computer generated opponent
- Utilized Jackson library, MVC components, and proxy design pattern to simulate a game with a remote server

TECHNICAL KNOWLEDGE

Languages: Java, Python, SQL, R, TypeScript, HTML/CSS

Libraries: Matplotlib, Pandas, Junit, Jackson, Material UI, Axios, Bootstrap

Interests: Crochet, Reading, Volleyball, Community Service, Baking