

Nolan Mungovan

Boston, MA 02120 • Availability: January – August 2023
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EDUCATION

Northeastern University, Boston, MA

Sept. 2021 – Present

Khoury College of Computer Sciences

Expected: May 2025

Candidate for Bachelor of Science in Computer Science, GPA: 3.84/4.0

Coursework: Object-Oriented Design, Algorithms and Data, Foundations of Cybersecurity,
Programming in C++, Fundamentals of Computer Science, Mathematics of Data Models

Honors: Dean's List, Dean's Scholarship

Doherty Memorial High School, Worcester, MA

Sept. 2017 – June 2021

Honors: Valedictorian, Math Team & Rowing Captain, Engineering & Technology Academy

TECHNICAL KNOWLEDGE

Languages: Java, Python, Racket/Scheme, HTML, C++, SQL

Technologies: Git, Microsoft Office, VirtualBox, IntelliJ, Eclipse, JUnit, Google CoLab, Spotify API

PROJECTS

Marble Solitaire

May 2022

- Constructed a customizable game of marble solitaire in Java following object-oriented design principles.
- Orchestrated the MVC design pattern to allow for various board types/sizes and views (console/GUI).

Multiplayer JezzBall

Oct. – Nov. 2021

- Developed an "n"-player game of JezzBall in DrRacket ASL with logic for one/multiple players.
- Applied message handlers on a client-server network to enable remote multiplayer functionality.

American Sign Language Alphabet to English Translator

July – Aug. 2020

- Designed a prototype for a glove that reads an ASL letter sign and translates it into an English letter using Python and the Adafruit Metro M4 microcontroller.
- Published presentation in MIT Office of Engineering Outreach Program articles and social media.

WORK EXPERIENCE

NU College of Professional Studies, Boston, MA

Sept. 2022 – Present

Data Analytics Support

- Compile, analyze, and share data on measures of academic performance in forty degree programs.
- Conduct cursory research to reinforce best practices for academic quality and curriculum design.

Starbucks Coffee Company, Boston/Worcester, MA

Jan. 2021 – Sept. 2022

Partner

- Trained ten baristas efficiently in all positions and managed inventory stock in three high-volume stores.
- Voted "Partner of the Quarter" due to exemplary work ethic, character, and teamwork skills.

NU Summer Bridge Scholars, Boston, MA

June – Aug. 2022

Peer Mentor

- Guided first-year NU students with first-hand knowledge of computer science academia.
- Managed student involvement and hosted relationship-building programming events.

INVOLVEMENT

NU Student Government Association, Academic Affairs Committee Member

Jan. 2022 – Present

- Developed and passed a proposal to update "Management Information Systems" course content.

NU Council for University Programs, Small Concerts Committee Member

Sept. 2021 – Present

- Ensured campus events ran smoothly for CUP staff, performers, and thousands of NU students.

INTERESTS

Rowing, R&B/Pop Music, Cooking, Sandbox Video Games, Coffee/Tea, LGBTQ+ Inclusion