

Education

Northeastern University, Undergraduate Class of 2024 (Current GPA: 3.926)

- Major: Computer Science and Mathematics
- Clubs:
 - NUSound: The Northeastern University Student Chapter of the Acoustical Society of America
 - Artistry Magazine

Brookline High School, Class of 2020 (GPA: 3.93)

- Relevant courses include:
 - Advanced level Algebra, Advanced level PreCalc, and BC Calculus
 - Various engineering courses
 - Honors Chemistry, Honors Biology, AP Physics C

Technical Skills

- Programming Languages
 - Python
 - Java
 - Racket
 - R
 - JavaScript, HTML, and CSS
- Software
 - Github
 - SketchUp
 - Fusion360
 - Adobe products (Photoshop, Premiere, InDesign)

Experience

Tutor, Fundamentals of Computer Science I, Northeastern University (2021):

- Worked as a tutor for Northeastern's Fundamentals of Computer Science I course
- Tutored students during lab periods and office hours
- Graded homeworks/quizzes/exams
- Skills learned include communication, ability to work with others, time management, reliability, and leadership

MIT Beaverworks (2019):

- Completed the Medlytics course (data science for health and medicine)
- Final Project: Created an SVM predictor to evaluate an NFL player's risk of getting a consecutive concussion within the next two years

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- Worked with Python, R, Github, and various machine learning algorithms (SVM, Decision Trees, MLP, Logistic Regression, Random Forest, KNN)
- Skills learned include an understanding of complex mathematical concepts, ability to work with others, willingness to learn, time management, problem-solving, and critical thinking

Writer/Editor/Reporter for the Sagamore (2017-2020):

- Award-winning school newspaper
- Responsible for writing and editing articles, conducting interviews, creating multimedia (Photoshop and Premiere), and arranging the layout of the newspaper for print (InDesign)
- Skills learned include ability to work under pressure, adaptability, spontaneity, leadership, organization, ability to work with others, and quality control

Engineering Courses at Brookline High School (2018-2020):

- Have taken multiple engineering-centered courses offered by my high school
- Worked with technologies such as 3D printing, Arduinos, Lego EV3 (created battle robots)
- Worked with software such as SketchUp and Fusion360
- The final project tasked us to use all of our technical knowledge throughout the year to create an arcade game; My team created a large, mechanical version of Connect Four
- Skills learned include problem-solving, ability to work with others, critical thinking, willingness to learn, and time management

The New York Times Summer Academy (2018):

- Completed the Pop Music as Art and Business course
- Stayed on the Fordham University campus for two weeks and attended classes organized by NYT writers
- Tasked with various writing projects, including coverage of a festival at Central Park
- Skills learned include independence, spontaneity, adaptability, curiosity, and willingness to learn

Brookline Recreation: Leaders in Training Program (Summer of 2017):

- Completed Brookline Recreation's two-week camp counselor training program
- Firsthand experience with managing the "Camp Kangaroo" section of Brookline Recreation's summer camp, with the guidance of camp counselors
- Became certified in CPR and First Aid

Lawrence Extended Day Program (2014-2016):

- Frequently volunteered to work as a counselor at Lawrence School's extended day program
- Gained firsthand experience into what it is like to oversee and care for kindergarten-aged children

Activities and Interests

- Member of NUsound (2020-present)
- Contributing writer for Artistry Magazine (2020-present)
- Writer/Editor/Reporter for the Sagamore, my high school's award-winning newspaper (2017-2020)
- Playing Guitar (2014-present)

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- Karate (2009-present)
- Ultimate Disc (2018-2020)

Awards

- 2019 Brookline Youth Recognition Award
- 2019 MIT Beaverworks Alum
- Multiple medals from Karate competitions
- Completed The New York Times Academy for Summer 2018 (two-week program)

References available upon request.