

Brian da Silva

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EDUCATION

Northeastern University

Boston, MA

Candidate for Bachelor of Science in Computer Science, GPA 4.0

May 2024

Relevant Courses: Fundamentals of Computer Science I, Discrete Structures, Fundamentals of Computer Science II, Object-Oriented Design (In Progress)

Honors/Awards: Dean's List

Activities: NU Wind Ensemble

Columbia High School

Maplewood, NJ

HS Diploma

June 2020

Activities: Marching Band, 2016-2020; Wind Ensemble, 2016-2020;

EXPERIENCE

SOMA Adult School

Maplewood, NJ

Camp Counselor

June 2019 - August 2019

- Assisted teachers to help run daily classes for students, including computing classes.
- Supervised students during lunch and extracurricular activities.

LEADERSHIP AND VOLUNTEER

Achieve Foundation

Maplewood, NJ

Middle School Tutor

January 2019 – March 2020

- Worked with local middle school students weekly on homework, class content, and socialization.
- Help included multiple subjects such as math, science, and English.

PROJECTS

Freecell

In-Class Project

- Created a text-based version of the popular solitaire game in Java for Object-Oriented Design.
- Created model, view, and controller, in order to controller the game-state, visual aspects, and user interactions separately.
- Designed extensible code through the use of interfaces and communication between the MVC components.

Flood-It

In-Class Project

- Worked with a partner to create a version of the game Flood-It in java for Fundamentals of Computer Science II.
- Designed data structures for the game, and implemented gameplay including “waterfall” flooding, mouse click detection, and randomized game boards.

SKILLS AND INTERESTS

Programming Languages: Java, Racket, Python

Tools: GitHub, Git, IntelliJ IDEA, Eclipse

Interests: Music, traveling, sports