

Myles Grant

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EDUCATION

Boston College, Morrissey College of Arts and Science

Bachelors Degree in Computer Science

Bachelors Degree in Philosophy

Overall GPA: 3.575

Chestnut Hill, MA

May 2025

May 2025

Brownsburg High School

Overall GPA: 4.333

Brownsburg, IN

May 2021

RELATED COURSES

- Computer Science 1 and Computer Science 2
- Computer Organization
- Computer Systems
- Algorithms
- Randomness and Computation
- Logic and Computation
- Software Engineering
- Web Application Development

PERSONAL PROJECTS

Automated Canvas Notification System

- Implemented using Python3 and the Canvas Instructure API
- Automated Python script that automatically accesses my canvas page every morning and sends me a list of my daily responsibilities
- Demonstrates an understanding of utilizing APIs, parsing JSON files, and automating daily tasks
- Fully documented README with a step-by-step procedure in order to make the script easily accessible to users

Automated BC Health Check

- Implemented with Python3 utilizing the Selenium and pyautogui libraries.
- Automated the daily required task of filling out a health questionnaire.
- Locally hosted script that ran on my MacBook, automating a daily required survey from Boston College
- Upon running, the script in to my Boston College account, fills out the health questionnaire, then takes a screenshot of the results and sends it to my phone.

Terminal Wordle

- Clone of the popular game playable entirely within your computer terminal, implemented using Java
- Chooses a random word from a CSV file containing all of the Wordle-legal answers
- Same functionality as a traditional Wordle game, including guess verification, full color, and automatic clearing
- Demonstrates ability to creatively utilize a limited environment in unconventional ways

SKILLS

- **Computer Languages:** Python, Java, HTML, CSS, Arduino, Django
- **Operating Systems:** MacOS, Windows
- **Software:** Microsoft Office, Fusion360, PrusaSlicer, Adobe Illustrator, Trotec Ruby
- **Manufacturing Machines:** Trotec Speedy 400 Laser Cutter, Formlabs and Prusa SLA 3D Printers, Stratosys Polyjet 3D printer, Prusa and Bambu FDM 3D Printers, Roland LEF2-300 UV Printer
- **Languages:** German (Intermediate)

WORK EXPERIENCE

Boston College Makerspace

Vice Provost for Research

Chestnut Hill, MA

May 2023 – Present

- Responsible for the operation and maintenance of expensive technical equipment, including Laser Cutters, FDM and SLA 3D printers, UV printers, DTG printers, and woodworking equipment.
- Instructed groups of 10+ individuals on basic circuitry, Arduino, and soldering via 2-hour workshops and training sessions.
- Maintained order and safety in a fast-paced and unpredictable environment.
- Demonstrated flexibility by quickly showcasing proficiency in a number of both software and hardware manufacturing processes

Boston College Math Department

Math Tutor and Grader

Chestnut Hill, MA

August 2022 – January 2023

- Responsible for the grading of 200+ assignments on a weekly basis.
- Effectively communicated with the team of graders in order to have assignments done promptly.
- Tutored a wide variety of classes in the math department and with up to 8 students at the same time.
- Showcased incredible adaptability and ability to quickly learn by being responsible for tutoring for classes that I had not taken.

ON CAMPUS INVOLVEMENT

EcoPledge Events Committee

Chestnut Hill, MA

Co-Director

2022

- In charge of coordinating 80+ committee members.
- Organized large-scale events with several organizations and businesses, such as an environmental fair during Green Week.
- Contacted business representatives to gauge participation interest in environmental events.