

# Brian Scorcia

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## EDUCATION:

University at Buffalo (Honors College), The State University of New York  
Bachelor of Science in Computer Science, Minor in Management

GPA: 3.58 / 4.0  
Expected Graduation Date: May 2022

## RELEVANT COURSEWORK:

- CSE 191/250 - Discrete Structures / Data Structures
- CSE 220/341 - Systems Programming / Computer Organization
- CSE 331 - Algorithms and Complexity
- CSE 368\* - Introduction to Artificial Intelligence\*
- MTH 241 / EAS 305\* - College Calculus 3 / Applied Probability\*

\*Currently Taking

## TECHNICAL SKILLS:

- Languages: Python | Scala | C | JavaScript | HTML | CSS | PHP
- Tools: Anaconda | IntelliJ IDEA | PyCharm | Atom | WordPress | Git | GDB | Unix OS (Ubuntu)

## RELEVANT WORK EXPERIENCE:

- Web Technician Student Assistant: [September 2019 - Present]
  - Responsible for assisting the head Web Developer in updating and maintaining existing websites within the University at Buffalo's College of Arts and Sciences.
  - Ensures that websites adhere to the UB brand and style and compliance guidelines.
  - Maintains legacy UB WordPress websites and helps to transition them into UB's proprietary Content Management System.
  - Assists UB Content Management System users with technical questions and provides training in order for users to be confidently able to maintain their own sites.

## PROJECTS:

- UB Hacking 2020: UBot [Python, discord.py]
  - Worked as part of 3 member team to create a bot for the Discord communication platform.
  - This project was inspired by the transition to online classes due to the COVID-19 pandemic. Our goal was to implement a comprehensive classroom system on Discord.
  - The bot allows a professor to easily host office hours, create class quizzes and export results as CSV files, and manage other aspects of the server.
- CSE 116: Semester Team Project: [HTML, JS, Scala, Python]
  - Worked in a 4 member group with the goal of making a real time multiplayer game. We made a recreation of the playground game "Sharks and Minnows".
  - The game has "minnows" trying to reach an endpoint while avoiding "sharks" trying to eat them in order to convert them into sharks.
  - Was responsible for the implementation of concurrency in the game by implementing a TCP socket server, Scala Actors and a Flask server.

## INVOLVEMENT AND AWARDS:

- Won Third Place award at UB Hacking 2020, a 24 hour virtual hackathon hosted by the University at Buffalo.
- Volunteer for the Arc Erie County New York
  - Members of the University Honors College meet with adults with disabilities every week and take part in coming up with group activities for everyone to participate in.
- Served as Public Relations Officer of Monroe Woodbury High School Interact Club
  - The club served to host fundraisers around the school district to raise money for various causes that benefit the school and the community.
  - Was primarily tasked with attracting new members to the club as well as advertising the club's community service events.
- Awarded the Robert Reddy Memorial Scholarship from the Educational and Cultural Trust Fund of the Electrical Industry