Brian Scorcia

briansco@buffalo.edu | brianscorcia.com | www.linkedin.com/in/brian-scorcia/

EDUCATION:

University at Buffalo (Honors College), The State University of New York   GPA: 3.58 / 4.0
Bachelor of Science in Computer Science   Expected Graduation Date: May 2022

RELEVANT COURSEWORK:
- CSE 115/116 - Introduction to Computer Science I & II
- CSE 191 - Discrete Structures
- PHY 107/108 - General Physics I & II
- CSE 220/341 - Systems Programming / Computer Organization*
- CSE 250/331 - Data Structures / Algorithms and Complexity*   *Currently Taking
- MTH 241 - College Calculus 3*

TECHNICAL SKILLS:
- Languages: Python | Scala | C | HTML | CSS | Javascript | PHP
- Tools: IntelliJ IDEA | PyCharm | Atom | WordPress | Git | Linux / 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.
  - Asists 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:
- CSE 116: Semester Team Project: "Hava (Nice Day)"   [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.
- Personal Website: "brianscorcia.com"   [HTML, CSS, Bootstrap 4]
  - Built a personal static website hosted on Github pages as a formal introduction to HTML 5, CSS 3,Web Development and deploying a website.
  - Used an external form backend (Basin) in order to collect contact information to get around the fact that Github Pages only hosts static sites. Also utilized Google Analytics to track site traffic.

INVOLVEMENT AND AWARDS:
- 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. The club would also get involved in other local efforts such as the Making Strides Breast Cancer Walk
  - As Public Relations Officer, 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