

# Brian Scorcia

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## EDUCATION:

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

GPA: 3.79  
Expected Graduation Date: May 2022

## RELEVANT COURSEWORK:

- CSE 115/116 - Introduction to Computer Science I & II
- CSE 191 - Discrete Structures

## TECHNICAL SKILLS:

- Languages: Python | Javascript | Scala
- Tools: IntelliJ IDEA | Atom

## PROJECTS:

- CSE 115: Independent Project Part 2: “What to do in Times Square” [HTML, CSS, JS, Python]
  - Built a web app using the Plotly library and Flask framework where I plotted places to go in Times Square utilizing an API containing location based data.
  - The site was designed utilizing basic HTML and CSS knowledge.
- 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.
  - I 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.

## 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.
- Served as a Teacher’s Assistant at Central Valley Elementary School
- Awarded the Robert Reddy Memorial Scholarship from the Educational and Cultural Trust Fund of the Electrical Industry
- Awarded the Pride of New York Scholarship from the University at Buffalo