A person posing for the camera

Description automatically generatedMy name is Gianna Graziano and I am a senior here at SUNY New Paltz, working towards my B.S. in Computer Science. I started my academic career at Ithaca College in 2012 as a Math-Computer Science major. There, I received a concrete foundation in computer science. In CS I, I learned Python and in CS II, I learned Java. I took a Human-Computer Interface (HCI) course during my time in Ithaca, where my professor gave us a “crash course” on HTML, CSS, JavaScript, and JQuery. We were then assigned a project where we had to create a mock home control panel, using these web programming languages. In another class, we had to recreate the game of Minesweeper using Java. I also took a class called Computational Foundations of Emerging Media, where we learned how to access and incorporate audio files using a Python framework called Kivy. After a few years, I decided to leave Ithaca College for good and worked for a couple years for point-of-sale system companies. As a level 2 technical support advocate, I troubleshooted various software, hardware, database and networking issues. Here, I learned a bit on how to manipulate database tables by running SQL queries. I then moved over to the operations department, where I learned quite a bit about Salesforce administration and its various processes. I even created the documentation and did the trainings on it. After some negative experiences with an “online” college, I left my job and started classes full-time at SUNY New Paltz. Since there was a big gap since I programmed last, I chose to take CS I and CS II over again, where I reviewed Java. In addition to Web Programming, I am also taking CS III, OOP, Assembly, and Software Engineering this semester. I can see we are really deep diving into things this semester and I am more than excited!

What I learn this semester in Web Programming is especially crucial. I believe that everyone involved in computer science nowadays should know how to make applications. Applications are so engraved into most of the population’s daily lives that it is extremely valuable to know how to create them. With this knowledge, I could always fall back on freelance development for extra income in the future. I am interested to learn about how to utilize all the frameworks and libraries mentioned in lecture and the ease they may bring to web programming. By familiarizing myself with the Debugging Tool that we will be using, it will help me find and visualize new elements that are out there. Creating an application on my own will be a giant step in my academic progress, which will solely benefit me in the end.