

Matthew Morfea

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CPS493 - Web Programming

Introduce Yourself

Please create a word document with:

- A Picture of you
- A Paragraph about your computer experience. Include your undergrad major, any computer courses you've taken, any programs you've written, any projects you've collaborated on.
- A Paragraph about how you see yourself using what we learn in this course

Please also remember to read and try out the documentation for bulma.

Photo:



Hey, my name is Matthew Morfea. I am a senior going for a Bachelors of Science in Computer Science with a minor in Astronomy. I have taken almost all of my computer science required courses here at New Paltz. To list them off would be CS1, CS2, CS3, Digital Logic Fundamentals, Assembly Language and Comp Architecture, Software Engineering, Discrete Math, Continuous Discrete Math / Algorithms, Language Processing, Calculus 1 and 2, and Physics 1 and 2. I have written a ton of programs over the course of my major in computer

science, some notable ones might be Python Compilers and Interpreters in Language Processing, comparing sorting algorithms and time complexities in CS3, or even making games like pong in my free time. I have also collaborated on many projects over my Computer Science studies, one notable collaboration would be in Software Engineering. I was the group leader for the Behavioral Health Studies group. We designed an application to test character traits for psychological profiling but made it into more of a story based adventure with more user input, rather than just taking survey questions. My group mates and I developed a back-end database and front-end website in order to view data from the GUI based application (which would be downloaded from the website itself). I have a lot of Introductory knowledge in many fields of computer science although it would be great to develop more skills in Web Programming which this class could offer me.

I see myself using a lot of information from the CPS493 - Web Programming course. Learning how to develop web pages and mobile application pages are important as we move into a more connected world day by day. Databases and their connectivity to software is always important. This is an area I would love to expand my knowledge to, as knowledge of databases is crucial in many different jobs that are based in computer science in the world today. In computer science, it's never as easy as "just setting up a database" or "making a web application." Learning the steps to take and different approaches to these developments is important and I hope to get a better understanding of how to not only develop but troubleshoot our applications we make in this class. Making the first version of something in computer science is only about 5% of that something, the other 95%, is troubleshooting, software engineering, and fine tuning problems. I hope to learn better skills and tools to fix these problems in CPS493 - Web Programming.