Sunshine Mason

CS 499 Computer Science Capstone

SNHU

10/05/2025

5-1 Journal: Computer Science Trends and Artifact Update

**Significance of each trend:**

Emerging trends when it comes to AI they are created to mimic and learn the behaviours of humans as well as animals, AI and machine learning were created with the ability to assist with mitigating gaps in technology and loopholes.

**Trend changes for the field of computer science:**

All the trends will help in multiple things such as innovation and improving machines that can be used later to potentially save lives.

**Changes for consumers, workers, and citizens:**

With the amount of people who don’t like how advanced technology is becoming there would be a lot of changes. People already say how robots are going to take over their job. However robots can learn through neutral and ml networks, this gives them the ability to programmed by engineers which allows them to effectively communicate with humans which will help humans also be more capable of being better with them as well.

**Career interest or aspirations:**

This will help me further by being able to create a good program with the ability to ensure that people have a positive experience when it comes to my system rather than a negative.

**Course outcomes:**

I’m continuing to learn and grow along the way and everywhere can always be improved, if I keep up with my learning, I’ll be able to keep up with my work for the future.

**Progress update:**

Overall, all my categories are on track for the project to be completed for my ePortfolio, I have become more confident in this capstone over each module. All my enhancements have been completed for software design and engineering, algorithms and data structures, as well as databases.