Sunshine Mason

CS 499 Computer Science Capstone

SNHU

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6-1 Journal: Emerging Technology and Artifact Update

Two technologies of interest that I have chosen and can be attributed to the emerging, disruptive, and game changing technologies would be augmented reality and application programming interfaces (APIs).

Augmented reality is a very interactive experience for the real-world environment were objected from the real world get enhanced by computer generated information. This can have multiple sensory modalities, which would include visual, auditory, somatosensory, haptic, and olfactory. Augmented reality grew big during the covid-19 pandemic because it was able to be connect workers with remote experts to solve any problems. Augmented reality technology can also include heads up displays for reading on IoT-enabled systems with step-by-step instruction including documentation on multiple processes.

Application programming interfaces enables controlled interactions between separate software programs the company could use. This makes it so software developers to be able to integrate within the same system. This is a benefit because it can be integrated with other systems and gives the company the ability to control their systems internally. With API’s, developers have access to the code information of any existing applications they have with a key. The developer will be able to request the information which is also referred to as an API call. The API will return the information (the response). The developer receives the information they will be able to integrate the received data for the format they know.

The use of these emerging technologies can change my career further because most companies already use these technologies. It’s critical to understand how these technologies work so I can create as well as implement them. Technology like this impact’s humans, communities, including the world because this has further developed a detailed connection between people around the world. All my final enhancements have been completed and are being uploaded into my ePortfolio.