Kevin Rocha

CS 499

My time in the Computer Science program at Southern New Hampshire University has helped me in shaping my professional goals. It has prepared me to become a well-rounded candidate for employers. This ePortfolio shows my expertise in the field and showcases my management with large projects to successfully conduct code that functions at a professional level.

In my Software Development Lifecycle CS 250 course, it showed my strength to do agile development with teams and collaboration. It practiced using user stories to develop test cases and helped shape the agile scrum to the direction that satisfies customer feedback. It showed how to know the product well before communicating with stakeholders and address any questions from the stakeholders. Meeting the expectations will help any additional work in the future of the product. Rocha Blogs has allowed me to showcase data structures and algorithms through iterative for loops that display the blogs in a linear format. I use data structures such as a list to manage users that are associated with the particular blog post. I have used software engineering by having practiced principles of object oriented programming in the design pattern of MVC. I used this as the foundation for this project that allowed me to organize the software in a consistent format. Rocha Blogs also used databases for keeping track of the user accounts created, blog posts, and comments. Security is used in Rocha Blogs with authentication and authorization. This identifies the certain user and their role and from that identification, authorizes them certain access based on their role.