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CS 499 - Module Two Journal**<https://www.zencrypt.ryanshatch.me> – Zencrypt Whitepapers

This week’s course materials focused on the value of reflective practice in building a professional ePortfolio that showcases tailored updates on old projects to show off my takeaway skills from the computer science program. These updates are designed to show what I have learned so far in my classes within the themes of software design, algorithms, data structures, and databases. None the less, along with following the industry best practices the main objective will be to create clear narratives and to have friendly UI/UX that have consistent technical checks and improvements. This design can be helpful in terms of bridging the gap between school projects and expectations to show off to the real world. For example, this for me involves building a portfolio that truly reflects the skills I have learned and developed in order to show to any potential future employers or clients.

During the development stages of Zencrypt CLI, I faced a couple challenges, especially in terms of maintaining a balanced UI/UX for the CLI while still providing the same amounts of quality in the encryption algorithm. None the less, looking back on this project and after looking over the way the script was developed using best practices from the start, I can easily use this to not only to improve and polish a final release for my app. But I can align it more with user centered design principles along with and add some modern cryptographic standards.

One example that I can use would be how I plan on adding an actual web interface to the CLI in order to optimize the use case and mobility of the program by enhancing the UI/UX by making the CLI into an actual web app. Throughout this process of updates and changes, I will add them all to my .me domain for this program, none the less, the main ePortfolio will be hosted on my main domain (along with GitHub Pages) which will have a lot more than just my capstone/ the final release of Zencrypt. The idea for the ePortfolio is to help employers actually get to know me by simply reading on their extra time and learn how seriously I take security and data defense along with why I take it to that extent.