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Thompson

CPRE 494

### Cumulative Reflection

College has cemented the belief of lifelong learning. I personally get bored if I have not learned anything new and will seek out more information. This drive has what made my time at ISU worthwhile. I am a huge purveyor of going beyond the classroom to learn more about what is interesting instead of only learning the required information to pass the class. During my time in CPRE 381, I learned about how a processor works as well as how to design one. Following my time in that class the vulnerability classes of Spectre and Meltdown were made public and I was very interested and learned how these vulnerabilities could exist and how to exploit them. This has helped drive me towards picking up my minor of Cybersecurity. When I went into CPRE 308, I was not too familiar with kernel design. After researching further than what the class taught I was confident in my ability to setup a kernel fuzzer. In doing so I was able to achieve a life goal I set for myself back in highschool and really showed just how much I learned since coming to ISU. I am now working for a professor and improving the cybersecurity program at ISU. I will be helping heavily on the implementation of new classes for the new Cybersecurity Engineering major here at ISU.