**What I learned in Finance 5350**

I can honestly say that I have learned a lot in finance 5350! Prior to the class, I had experience with python which really helped me when it came to the coding side of things. I was definitely able to brush up on some of the technical things in python such as how it works and how to perform certain things. I really enjoyed learning from the tutorial videos that walked through python code.

I learned how to do option pricing in this class! First off, I learned what an option is and the market that surrounds them. I learned how to price them using several different models, which I feel the final project captures. I learned how to build a single period binomial tree, as well as how to expand that tree into many periods. I was also reminded of the power of computer programming. Particularly in the monte carlo simulations, I was able to perform thousands of simulations in a matter of seconds. I was able to take a concept that was in my head and put it into code to figure out the answer.

I find concepts like this interesting and I feel like I have a fairly good grasp of what is going on. When I took Econometrics, I felt the same way. However, with both classes, it made me realize that what I truly enjoy is accounting. I find these concepts interesting, but I wouldn’t want to spend a career in option pricing. I like accounting more, but do look forward to being able to apply what I have learned in this class in the field I do end up going into. It may not be option pricing, by the idea of thinking critically and abstracting are extremely useful no matter what field I go into.

I, Casey Burgin, certify that I understand all of the code I am turning in. I have spent many hours working on it and feel confident in the work I have done.

Casey Burgin