Max Lattermann

COSC 495 – Senior Seminar

Dr. Brian Toone

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Progress Report

I have clarified the scope of the project to include a survey of the functionality of blockchain algorithms by explaining how bitcoin works and implements security features. The decentralized nature of the currency is best suited for explaining how the bitcoin algorithm effectively works. The foundation for writing a code that uses this kind of algorithm can be done in Python or Java, so some of the next steps would include to think about what language I would use to create the sample code that utilizes this algorithm to create a secure chain of connections to transfer data about a particular food. I have also talked with Ian about the possibility to write up part of his web application to include the findings I have made through my project to have an about section for blockchains and bitcoin in general, including some graphics and general information texts as a complement to the sample code or as a potential alternative.