**CSE 4471: Group Project Proposal**

***11:10am Section | Team Neighbors***

**Group Members:**

* **Aayush Bansal**: Finance and Economics Major
* **Cade Santha**: Information Systems Major
* **Jeffrey Valli**: Computer Science and Engineering Major
* **Anish Anand**: Computer Science and Engineering Major

**Topics of Interest for Research Paper (in Preferential Order):**

1. **Steganography**
   1. **Interest:**
      1. Steganography is something all of us have seen throughout our lives, especially their use in crime shows and mystery-like investigations. While the applications of steganography are seen in many fictional areas, we also see great value in the topic, as it has helped people share sensitive information with allies, such as their use in times of war. There is a lot we could cover in this topic that would help us understand common techniques of Steganography and how it has been used in the past, today, and in the future.
   2. **Prior Experience:**
      1. As a team, we do not have any experience in Steganography, but we believe we will be able to uncover great insights through our research.
2. **Digital Forensics**
   1. **Interest:**
      1. As we enter our careers, we will likely have to interact with extremely strict security protocols and understand very sensitive data policies. Some of the companies we are going to be working at may have even had data breaches or hacking attempts of their own. We think it is interesting to understand how companies and government organizations are able to uncover traces of cybercrime within or outside of a company/organization. It will also help us understand how to best protect ourselves and our teams legally if any accusations of digital crime is brought up.
   2. **Prior Experience:** 
      1. As a team, we do not have any experience in Digital Forensics, but we believe we will be able to uncover great insights through our research.