Tianye Song, ts7fx
Kerry Jones, kmj2ge
Julina Zhang, jyz3uh

Tianye Song wants to achieve:
Perform as a team. To be able to answer the question: why working as a team accomplishes more than working as an individual?
To really get to know the differences of teammates, learn how to work effectively with teammates. (communication, planning, execution, etc)
If possible, obtain the best paper award.

Kerry Jones wants to achieve:
Understand Network intrusion
Develop a novel approach to detecting network intrusion
Parallel computing program language (CUDA)
Win award for poster or publication
Submit to multiple conferences

Julina Zhang wants to achieve:
Experience applying technical skills to a real-world project.
Create value for data science by doing something cool.
Learn how intrusion detection work and maybe how to detect a fraudulent website/network.

Tianye's team goal statement:
To be able to generalize malicious network intrusion pattern from retrospective data. Apply results to monitor real-time network activity.

Kerry's team goal statement:
Communication or understand network intrusion

Julina's team goal statement
find at least one new indicator of network intrusion that has not been tested

Consensus Team goal statement:
To cooperatively develop and apply novel research for real-time cyber intrusion detection.

Tianye:

Why the project will be:
1. Important
    a.Significant as a major project done during the program to illustrate to future employers:
            i. Research ability and
            ii. Team work skill
    b. An opportunity to engage in in-depth investigation of a hot topic, again valuable
experience in job-seeking market
    c.   will be the highlight of the M.S. experience if done successfully.

2. Hard
    a. An unfamiliar topic
    b. Teammates are from diff background and with diff skillset
    c.   There exists a fair amount of work that's already done on the topic
3. Fun
    a. Team work is always more fun than individual work
    b. It's a topic that requires dynamic research and communication with faculty members
of the university, and that is a new experience.

Kerry's:
This project is important because we live in a world of big data. It's getting harder and harder to maintain and monitor, thus it's becoming difficult to monitor malicious activity.

This project will be hard because we aren't experts in this domain.

This project will be fun because we will learn how to apply data science applications(tools/methods were learning) to real world data.

Julina's:
1.   It will be important because we might potentially discover new information from our research.
2.   It will be hard because I (and my teammates) have limited background knowledge on the topic.
3.   It will be fun because we will be analyzing real-life data using data mining techniques we learn throughout the process.

Critiques:
Tianye's
1. On Julina's: our findings may not worth anything even if we find something new.
2. On Kerry's: this project may not be fun at all. On the contrary, it can be very boring, demanding, and exhausting.

Kerry's:
On Jack's: pessimistic about developing novel approach.
One Julina's Importance: The work may not have actual value.

Julina's
Kerry's statement on why it will be hard: being negative, we can overcome the obstacle
Jack's statement on why it will be important: too optimistic, our research might not have value