Minutes for Cybersecurity Scholarship Program (CySP) Meeting

November 12, 2019 at 3:15 P.M. in Stright 331

Attended by: Dr. Waleed Farag, Dr. Soundararajan Ezekiel, Dr. Imran Ghani, Joshua Griffith, James Lutz, Kaishia Ieraci, Rodney Cesar, Timothy Troy and Brooklyn Kotula

1. Approval of last meeting's minutes – JL moved, seconded JG, and motion was unanimously approved.
2. There is still some time to use the money in your Co-Op bookstore account. Consult with Dr. Farag if you have any questions or experience any issues.
3. Everyone has received their respective laptops. Dr. Farag has expressed to IUP upper management the general concerns regarding the delays in processing the laptop orders.
4. Everyone should have received an email from Dr. Farag containing the format to be used for the creation of your cybersecurity portfolio. Please fill in the document with the appropriate information and email it back to Dr. Farag by the end of November.

Student Reports:

- Joshua Griffith – No academic issues expressed
  - Research: Developing an AI to scan emails for phishing
  - Currently gathering resources
- James Lutz – No academic issues expressed
  - Research: Serialization of Python objects (pickling) and analysis of the associated security risks
  - Has built an instrument version of python for fuzzing
  - Currently gathering test data
- Rodney Cesar – No academic issues expressed
  - Research: Testing and comparison of schemes for machine to machine authentication in IoT using a simulator
  - Currently looking for a suitable simulator and deciding which authentication schemes to test
- Kaishia Ieraci – No academic issues expressed
  - Research: Using AI to determine the context of a tweet from the emojis used in it

- o Currently researching the Twitter API
- Brooklyn Kotula – No academic issues expressed
  - o Research: Analyzing the effect of the dark web on cybercrime
  - o Currently reviewing the associated literature
- Timothy Troy – No academic issues expressed
  - o Research: Security in software development
  - o Currently reviewing the associated literature

Respectfully Submitted By: Rodney Cesar and Waleed Farag