

Minutes for Cybersecurity Scholarship Program (CySP) Meeting

October 10, 2019 at 2:00 P.M. in Stright 331

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

Excused: Brooklyn Kotula

1. Approval of last meeting's minutes
2. Tuition and fee waivers have been processed
3. Book store accounts have been established and used
 - a. If you still need to purchase books, do so as soon as possible
4. \$12,500 per semester scholarship stipends have been processed and received
5. Everyone has submitted their laptop specifications, and all requests have been forwarded to the purchasing office
6. CySP recipients are strongly encouraged to participate in the Cyber Security Club and any other extracurricular cybersecurity activities that their schedules permit
7. Congratulations to James, Brooklyn, Josh, Kaishia and the rest of the team who participated in the CAE NE Hackathon on September 20th-21st and helped bring IUP to first place
 - a. Details can be found at <https://www.iup.edu/news-item.aspx?id=278717>
 - b. Each participant should have received an email containing a form regarding hometown news releases. Please fill out this form and send it to Dr. Farag as soon as possible.
8. CySP recipients are strongly encouraged to participate in the following cybersecurity events at IUP:
 - a. Cybersecurity Day on October 29th in the HUB OHIO room
 - i. Details can be found at <https://www.iup.edu/cybersecurity/activities/cyber-security-ia-day/>
 - ii. Volunteers for the event will be needed. If you'd like to volunteer, contact Victor Sansing at bzfw@iup.edu
 - b. Cybersecurity Seminar on November 7th in the KCAC

- i. Details can be found at <https://www.iup.edu/extended/events/cyber-security-seminar/>
 - ii. Free for students + Free lunch
9. Important announcements from the CySP program office:
 - a. Recipients should have received an email warning them about the use of CBD products. CBD use is prohibited as a recipient of the DoD CySP
 - b. Recipients may work during the academic year, but they MUST inform AND RECEIVE permission from Dr. Farag first. Work cannot interfere with your fulfillment of the CySP requirements
 - c. Recipients should have received an email on September 18th with two attachments regarding travel for conferences. Travel is handled by the DoD CySP program office, but you must notify Dr. Farag as well

Student Reports:

1. Students must report on their grades, research progress, issues that might affect academic performance, and cybersecurity portfolio (clubs, conferences attended, etc.) every meeting. Short term goal of research is to present it at a poster session in early April 2020 at the IUP Scholar Forum. Long term goal is to turn research into a formal ACM/IEEE publication
 - a. James Lutz – No academic issues
 - i. Research: Serialization of Python objects (pickling) and analysis of the security risks associated with injection of Python pickles into other scripts
 - b. Rodney Cesar – No academic issues
 - i. Research: Machine-to-machine authentication and anomaly detection in the IoT. Working on literature review
 - c. Brooklyn Kotula – Absent
 - i. Research: Dark Web. Working on Literature review
 - d. Joshua Griffith – No academic issues
 - i. Research: Training a neural network to identify and exclude phishing emails
 - e. Kaishia Ieraci – No academic issues

- i. Training a neural network to extract context from emojis in tweets
- f. Timothy Troy – No academic issues
 - i. Research: Secure software development using Agile approach. Working on literature review

Scholarship Renewal:

1. Renewal is based on merit
 - g. You must maintain the minimum 3.2 GPA and fulfill all program requirements
 - h. Renewal forms should be released later in the year (November/December)

Respectfully Submitted By: Rodney Cesar and Waleed Farag