

Team Name: **ThreatTracker**

Computing Tools/Environment

- GitHub (to store code and data) (optional)
- Python 3.8+ with packages (faker)
- Oasis stix2-generator, stix2-validator, stix-visualizer
- Synthetic Data Vault
- MITRE ATT&CK STIX Data

Skills/Knowledge/Abilities

- Python
- Statistics
- Databases
- Basic cyber intrusion knowledge

Course Assessment

- 25% of the overall grade: Create frontend for Identity, Malware, and Threat Actor objects
- 25% of the overall grade: Generate STIX objects from user input, Finish STIX objects and store them in the database
- 25% of the overall grade: Generate/visualize a graph using three STIX objects Identity, Malware, and Threat Actor
- 25% of the overall grade: Anomaly detection using Deep Learning Algorithms.

Theme Song:

<https://soundcloud.com/alslyn/synesthesia?in=sc-playlists/sets/brainwaves>



Shan Reddy



HHC



Yvonne Phillips