

Project Title: *Development of a Cyber Threat Intelligence Tool: Threat Report Annotator*

Project Description: We consider the operational setting of an enterprise security team and aim at improving threat-hunting capabilities. Today, both the generation and consumption of threat intelligence information largely require humans in the loop. The project is mainly a step towards bridging this gap. To this objective, the work is part of our focus on developing an automated tool that analyzes cyber security text and annotates threat information to better understand threat behaviors. The developed module will take as input in TXT, PDF, or HTML format, parse it, identify threat information using developed ML models, and annotate the original text with the findings through a graphical user interface.

Project Type: Development

Internship Batch: Batch 1 from May 7 to June 29

Duties/Activities: Students will get involved in basic development activities.

Required Skills: Basic knowledge in systems and algorithms. Comfort in programming Python or other prominent programming languages.

Preferred Intern Academic Level: Project is open to students at all levels. Students with prior development experience will be given higher preference.

Learning Opportunities: This project is an extension of ongoing research work. Student(s) will work as part of the team.

Expected Team Size: *This project is an extension of ongoing research work. Student(s) will work as part of the team.*

Mentors

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