

**PROJECT DETAILS**

Project Title:

**Dark Web Analytics for Ransomware Threat Actor Profiling**

Project Summary: aims, significance, expected outcomes and potential research impact.

Ransomware groups pose an ongoing threat to our data privacy and national security. Hence, it is imperative to investigate the ransomware groups that operate on the dark web to retain anonymity. More academic research is needed to extract actionable intelligence on the ransomware groups and analyse their tactics, techniques, and procedures for launching attacks. This project aims to investigate active ransomware groups and identify their key characteristics, attack signatures, victims, and stolen data. In addition, a dataset will be developed as the first of its kind to serve as an essential resource for academic and professional research communities interested in the ransomware ecosystem.

Preferred applicant skill set, describe the capabilities of the HDR applicant:

We seek a hard-working and driven PhD candidate with problem-solving and management skills. Candidates with strong cyber security backgrounds and data analysis skills are highly desired. In addition, candidates are expected to be experienced with malware analysis, machine learning, and research publications in high-quality venues.

Internship opportunity:

The PhD candidate will be supported to gain industry experience via the iPREP WA industry and PhD research engagement program.

Contact person for the project:

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