



Department of Statistics & Computer Science Faculty of Science / University of Peradeniya



Dr. Shamila Wickramasuriya

Senior Lecturer

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About Me

I am a newly joined senior lecturer at the Department of Statistics and Computer Science. I have received my B.Sc. and M.Sc. from the University of Peradeniya. I received my second M.Sc. and the Ph.D from the University of Texas at Dallas where my doctoral research focused [Human-machine Collaborative Vulnerability Discovery for C/C++](#) under the supervision of Dr. Kevin Hamlen. During the Ph.D., I have taken a part of [DARPA'S CHESS: Computers and Humans Exploring Software Security](#). My research interest is concentrated at vulnerability detection, malware defense, AI powered cyber-security and cyber deception.

Higher Education Qualifications



PhD

The University of Texas at Dallas
USA
(2022)



MSc

The University of Texas at Dallas
USA
(2017)



BSc

The University of Peradeniya
Perad.
(2008)

Awards, Scholarships, Memberships & Fellowships



Nothing to show under this subheading !!!

Positions Held



Security Engineer at JPMorgan Chase- (2023-2025)

My Teachings



CSC3152: Design and Analysis of Algorithms (2026)



CSC4132: Information and Network Security (2026)



CSC4162: Special Topics in Computer Science - Secure Software Development (2025)

Research Interests (Research Fields/ Projects)

My research interest is concentrated at cyber security as a service, vulnerability detection, malware defense, AI powered cyber-security, cyber deception, Cybersecurity gamification.

Ongoing Research and Projects



Nothing to show under this subheading !!!

Key Publications



Nothing to show under this subheading !!!

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/scs/staff/Shamila-Wickramasuriya>