



**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>