

Priyanka Shanmugarajah

Lecturer (Probationary)



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📍 Trincomalee, Sri Lanka

📅 1993-09-03

🚩 Sri Lanka

👤 Married

♀ Female

Education

Master of Science in Computer Science (special) Data Science, Analytics and Engineering

University of Moratuwa, Sri Lanka

01/2021 – 03/2023

- With Second Class Upper Division

Bachelor of Science (special) Computer Science

South Eastern University, Sri Lanka

07/2015 – 02/2020

- With Second Class Upper Division

Publications

9th International Symposium, SEUSL

Priyanka. S, A.L. Hanees (2019). "Image security using cryptographic algorithm with the combination of base64 algorithm," 9th International Symposium, SEUSL, p120-127.

Employment History

Department of Computer Science, Faculty of Applied Science, Eastern University, Sri Lanka

Lecturer (Probationary)

06/2022 – Present

Department of Computer Science, Faculty of Applied Science, Eastern University, Sri Lanka

Temporary Lecturer

05/2021 – 05/2022

Department of Physical Science, Faculty of Applied Science, University of Vavuniya, Sri Lanka

Temporary Assistant Lecturer

09/2020 – 05/2021

Department of Mathematical Science, Faculty of Applied Science, South Eastern University, Sri Lanka

Temporary Demonstrator

07/2020 – 09/2020

Research and project experience

Android Attendance Marking App for SEUSL Decision Support System

(Group Project)

Technologies: Java, JSON, XML, MySQL

Human Abnormal Behaviour and Crime Detection Using CNN and RNN

(MSc. Individual Research)

Decentralized Malicious Domain Blacklisting via IP Analysis

(Machine Learning)

Teaching experience

Database Management Systems

Software Engineering

Web Development

Formal Methods for Problem Solving

Data Security

Object Oriented Programming (JAVA)

Basic Computer Programming (C++)

Professional Issues in IT

Software Management Techniques

Human Computer Interaction

Recent Developments in Business and Management

Priyanka. S, A.L. Hanees (2022). "Audio & video security using cryptographic algorithm with the combination of base64 algorithm," Recent Developments in Business and Management, ISBN: 978-93-5593287-7,p22-37.

International Research Journal of Modernization of Engineering Technology and Science, TC-EUSL

Ligitha. Priyanka. S, "Study of visible light communication," International Research Journal of Modernization of Engineering Technology and Science, TC-EUSL, p662-p668

7th International Research Conference, TC-EUSL

Saroth Jahan, Priyanka. S "Phishing e-mail detection using machine learning," 7th International Research Conference, TC-EUSL.

7th International Research Conference, TC-EUSL

B. G. K. C. Dharmasiri, Priyanka. S "Real-Time YOLO-Based Detection of Weapons," 7th International Research Conference, TC-EUSL.

Research Interests

- Machine Learning / Deep Learning
- Artificial Intelligence
- Data Science
- Multimedia Security
- Intelligent Video Surveillance
- Cryptography
- Computer Security

Professional society membership

Student Counsellor

Representative of Research Committee

Career Guidance Coordinator

Lecturer (Prob.) Representative/ Faculty Board

Research Co-Supervisor

Faculty Representative of Centre for Community and Industry Linkage

Skills

Administrative experience

Member- Trincomalee Campus Conference Committee - 2022, Session Coordinator-Trincomalee Campus Conference Committee - 2023 and 2025, Contributor-International Astronomical Research Collaboration (Pan-STARRS observations), Participant-7th National School Scout Jamboree and 4th Friendship Camp (Sri Lanka Scout Association)

Technology Skills

Programming-Java, C++, Python, HTML, PHP, JavaScript, Prolog, Database-SQL, MySQL, Mongo DB, Apache Spark, Hadoop MapReduce, Power BI

References

Mr. S. Thadchanamoorthy,

Dean, Faculty of Applied Science,
Trincomalee Campus, EUSL
thadchanamoorthys@esn.ac.lk, 0713554948

Ms. T. Thanujan,

Head, Department of Computer Science, Faculty of Applied
Science,
Trincomalee Campus, EUSL
thanushyal@esn.ac.lk, 0773449623