MS. THI THI SHEIN

PERSONAL DETAILS

Mandalay, Myanmar
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SUMMARY AND OBJECTIVE

As an assistant lecturer, experienced and passionate with over 3 years at the Computer University (Mandalay). Research assistant with over 5 years of experience in data mining research projects including spatial-temporal data analysis, pattern discovery, and behavioral tracking from moving objects' trajectories.

WORK EXPERIENCE

Lecturer Jan 2021 - May 2021
Faculty of Information Science, Computer University (Loikaw), Loikaw, Myanmar
Subject: *Database Management System (DBMS)*

Research Assistant Aug 2017 - Nov 2020
King Mongkut's Institute of Technology, Ladkrabang, Bangkok, Thailand
Research Lab: *Information Technology*

Research Assistant Jul 2019 - Nov 2019
Tokai University, Tokyo, Japan
Research Lab: *Embedded System*

Research Assistant Jun 2015 - Jul 2017
University of Computer Studies, Mandalay, Mandalay, Myanmar
Research Lab : *Data Mining*

Tutor Mar 2013 - May 2015
Faculty of Computing, Computer University (Mandalay), Mandalay, Myanmar
Subjects : *Mathematics of Computing, Java*

EDUCATION

D. Eng. in Electrical Engineering Aug 2017 - Jul 2020
King Mongut's Institute of Technology Ladkrabang, Bangkok, Thailand

M.C.Sc. in Computer Science Dec 2009 - Jan 2012
Computer University (Mandalay), Mandalay, Myanmar

B.C.Sc. (Hons) in Computer Science Dec 2007 - Sep 2008
Computer University (Mandalay), Mandalay, Myanmar

B.C.Sc. in Computer Science Jan 2005 - Sep 2007
Computer University (Mandalay), Mandalay, Myanmar

CERTIFICATES

Diploma in Java Programming Course May 2014
India-Myanmar Centre for Enhancement of IT Skills (IMCEITS)

Knowledge Co-Creation Program Nov 2019
(Computer and Information Engineering)
under the Japan International Cooperation Agency (JACA)

PROJECTS AND ACTIVITIES

Moving Objects Companions Discovery from Trajectory Data Streams (Doctoral Thesis) 2017 - 2020

Robot IoT System Development and Platform (APRIS) Robot Challenge 2019

IMCEITS Students' Alumni System (Project Competition at IMCEITS) 2015

Electronic Products Forecasting System Using Greedy Genetic Algorithm (Master Thesis) 2010 - 2012

SKILLS

Technical Skills
C++, Java, JavaScript, Python, SQL, ArcGIS

Soft Skills
Critical Thinking, Creative Thinking, Problem Solving, Active Learning

Hard Skills
Data Visualization, Data Analysis, Data Mining, Machine Learning , Programming

ACHIEVEMENTS

- Fully funded scholarship for D.Eng. from the AUN/SEED-Net Scholarship program (August, 2017)
- IMCEITS Students' Alumni System (May, 2014)

PUBLICATIONS

1. T. T. Shein, S. Puntheeranurak and M. Imamura, "Discovery of Evolving Companion from Trajectory Data Streams," Knowledge and Information System, Springer, vol. 62, no. 9, pp. 3509-3533, 2020.
2. T.T. Shein, S. Puntheeranurak, and M. Imamura, "Discovery of Loose Group Companion From Trajectory Data Streams," IEEE Access, vol. 8, pp. 85856–85868, 2020.
3. T.T. Shein, and M. Imamura, "Traffic Congestion Detection from Taxi Trajectory Data", Embedded System Symposium, pp. 94–95, 2019.
4. T.T. Shein, M. Imamura, and S. Puntheeranurak, "Significant Place Discovery from Taxi Trajectory Data",

Asia Pacific Conference on Robot IoT System Development and Platform (APRIS) , pp. 1–2, 2019.
5. T.T. Shein, A. Yamauchi, M. Imamura, and S. Puntheeranurak, "Discovering Group Movement Pattern by Measuring Individual Similarity from GPS Trajectories", Information Processing Society of Japan , Vol.2019-IS-150, pp. 1–2, 2019.
6. T. T. Shein and S. Puntheeranurak, "Incremental Clustering Approach for Evolving Trajectory Data Stream," 2018 International Electrical Engineering Congress (iEECON), Krabi, Thailand, pp. 454-457, 2018.
7. T. T. Shein, S. Puntheeranurak and M. Imamura, "Incremental Discovery of Crowd from Evolving Trajectory Data," *2018 International Conference on Engineering, Applied Sciences, and Technology (ICEAST)*, Phuket, Thailand, pp. 1-4, 2018.
8. T.T. Shein, S. Puntheeranurak, and M. Imamura, "Efficient Discovery of Traveling Companion from Evolving Trajectory Data Stream", Porc. IEEE 42nd Annual Computer Software Application Conference , pp. 448–453, 2018.