





Ms. Thi Thi Shein

As an assistant lecturer, experienced and passionate with over 3 years at Computer University (Mandalay). Research assistant with over 5 years of experience in data mining research projects including spatio-temporal data analysis, pattern discovery, and behaviour tracking from moving objects' trajectories. Currently completed a doctorate in electrical engineering from King Mongkut's Institute of Technology, Bangkok, Thailand.

 Mandalay, Myanmar

 +959967666620

 thithishein.ucsm@gmail.com

Experience

Lecturer

January 2021 – May 2021

- ♣ Faculty of Information Science, Computer University (Loikaw), Loikaw, Myanmar
 - Teach a subject named as, Database Management System (DBMS)

Research Assistant

June 2015 - November 2020

- ♣ King Mongkut's Institute of Technology, Ladkrabang, Bangkok, Thailand August 2017 - November 2020
Research Lab: Information Technology
 - Publish two journal articles and three international conference papers
 - Attend meetings and discuss my research projects' progress with my advisor in every week
 - Share and consult research projects with other lab members to get improvement in our research
- ♣ Tokai University, Tokyo, Japan July 2019 - November 2019
Research Lab: Embedded System
 - Publish three international conference papers
 - Present progress report and discuss with my advisor in every week
 - Attend the knowledge exchange program at JICA
- ♣ University of Computer Studies Mandalay, Mandalay, Myanmar June 2015 - July 2017
Research Lab: Data Mining
 - Identify the problems by reading many reports, articles, and follow up the previous research
 - Consult the current issues of my research with my supervisor in every week
 - Attend seminars of Ph.D. candidates who work in my relevant field

Tutor

March 2013 – May 2015

- ♣ Faculty of Computing, Computer University (Mandalay), Mandalay, Myanmar
 - Teach a subject: Mathematics of Computing to first year students
 - Perform as a teaching assistant for programming languages including Java, C++, and PHP

Education

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| D. Eng. in Electrical Engineering | August 2017 – July 2020 |
| King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand | |
| M.C.Sc. in Computer Science | December 2009 - January 2012 |
| Computer University (Mandalay), Mandalay, Myanmar | |
| B.C.Sc. (Hons) in Computer Science | December 2007 - September 2008 |
| Computer University (Mandalay), Mandalay, Myanmar | |
| B.C.Sc. in Computer Science | January 2005 - September 2007 |
| Computer University (Mandalay), Mandalay, Myanmar | |

Certificates

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| Diploma in Java Programming Course | May 2014 |
| India-Myanmar Centre for Enhancement of IT Skills (IMCEITS) | |
| Knowledge Co-Creation Program | November 2019 |
| (Computer and Information Engineering) under the Japan International Cooperation Agency (JICA) | |

Projects and Activities

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| ♣ 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. degree under the AUN/SEED-Net Scholarship program August 2017
- ♣ IMCEITS Students' Alumni System (second-best project award) May 2014

Expected Salary

Around 600,000/- kyats monthly or Negotiable

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”, This resume is made with Jobseeker.com. 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.