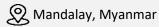
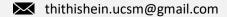


# Ms. Thi Thi Shein

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 staptio-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.







## 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 -November2019

- 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 Research Lab: Data Mining

June 2015 - July 2017

- 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

D. Eng. in Electrical Engineering

August 2017 – July 2020

King Mongut'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

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**

4	Moving Objects C	Companions Dis	covery from	Trajectory	Data Streams	(Doctoral Thesis)	2017 - 2020
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\* 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.
- 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.
- 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.