Truc Viet Le

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Research Interests

I am currently interested in developing predictive models for mobility data (e.g., spatiotemporal or activity patterns of humans in a spatial area during a certain time period), where I propose models to learn and predict a mobile agent's sequential actions over time and under uncertainty using data mining and machine learning methods. I am also interested in visualizing large and complex mobility data.

Education

Heinz College, Carnegie Mellon University, Pittsburgh, P.A. heinz.cmu.edu

Visiting Ph.D. Student in Information Systems: Aug 2014 – May 2015
Advisors: Siyuan Liu, Ramayya Krishnan
Coursework: Machine Learning, Dynamic Optimization, Mobile Intelligence & Business

Singapore Management University, Singapore larc.smu.edu.sg

Ph.D. in Information Systems: Jan 2013 – Present
Advisors: Hoong Chuin Lau, Robert J. Kauffman

Nanyang Technological University, Singapore ntu.edu.sg

M.Sc. in Mathematics (by Research): Jan 2011 – Jul 2012
B.Eng. in Computer Engineering: Aug 2005 – Jul 2009

Selected Publications

Predicting Bundles of Spatial Locations from Learning Revealed Preference Data

Truc Viet Le, Siyuan Liu, Hoong Chuin Lau, & Ramayya Krishnan
14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015).

A Quantitative Analysis of Decision Process in Social Groups Using Human Trajectories

Truc Viet Le, Siyuan Liu, Hoong Chuin Lau, & Ramayya Krishnan
13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2014).

An Empirical Analysis of a Network of Expertise

Truc Viet Le & Minh Thap Nguyen
2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM).

Trend Analysis of Length of Stay Data via Phase-Type Models

Truc Viet Le, Chee Keong Kwoh, Kheng Hock Lee, & Eng Soon Teo (2011)
International Journal of Knowledge Discovery in Bioinformatics (IJKDB), 2(3), 37–51.
