LE QUANG THAI

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EDUCATION

Ritsumeikan Asia Pacific University, Oita, Japan   **Graduation: September 2015**
B.B.A International Management – Marketing   Overal GPA: 3.45
Oustanding Thesis: "Practical Optimization for Convenience Store Business in Japan using Web Scraping and Google API"

GRANTS AND HONORS

- APU Tuition Reduction (100%), Ritsumeikan Asia Pacific University, 2011-2015
- JASSO Scholarship, Ritsumeikan Asia Pacific University, 2011-2012
- Oita Prefecture Scholarship, Ritsumeikan Asia Pacific University, 2012-2013 and 2014-2015

RESEARCH EXPERIENCE

REFEREED JOURNAL PUBLICATION
- **Le Quang Thai**, Davar Pishva. "Optimization of Convenience Stores Distribution System with Web Scraping and Google API Service". ICACT Transactions on Advanced Communications Technology (ICACT-TACT) Journal. Vol. 4(2), p.p. 596 – 606. March 2015.
- **Le Quang Thai**, Davar Pishva. "An Innovative Tour Recommendation System for Tourists in Japan". ICACT Transactions on Advanced Communications Technology (ICACT-TACT), (accepted for publication).

BOOK CHAPTER
- **Le, Thai Quang**, Pardo Phillip, William Claster, "Relationship Between Social Media Data and Hotel Occupancy: A Case Study in Philadelphia", Unpublished manuscript, Artificial Neural Network (ANN) Modelling, Springer (In press).
- **Le Quang Thai**, Davar Pishva. "Applied Framework for System Optimization Using Web Scraping and Google API Service: Cases in Convenience Store Logistics and Touristic Planning Recommendation", Handbook of Research on Intelligent Nature-Inspired Computing (in progress).

CONFERENCE PRESENTATION / PROCEEDING
- **Le Quang Thai**, Davar Pishva. "Application of Web Scraping and Google API Service to Optimize Convenience Stores' Distribution". Proceeding of The 17th International Conference on Advanced Communication Technology (ICACT), p.p. 478 – 482. Korea, July 2015. ISSN No. 1738-9445.
- **Le Quang Thai**, Davar Pishva. "An Innovative Tour Recommendation System for Tourists in Japan". Proceeding of The 17th International Conference on Advanced Communication Technology (ICACT), p.p. 489 – 494. Korea, July 2015. ISSN No. 1738-9445.
- **Le Quang Thai**, Davar Pishva. "A Programming Approach to Optimize Convenience Stores' Distribution with Web Scraping and Google API Service." 12th Asia Pacific Conference (APC 12). Oita, Japan, November 2014.
- William Claster, **Le Quang Thai**, Phillip Pardo. "Implication of Social Media Data in Business Analysis: A Case in Lodging Industry." APUGSM 2015 Conference. Philippines, February 2015. ISSN No. 2186-6090.
- Malcolm Cooper, **LE Quang Thai**, William Claster, Kazem Vafadari, Phillip Pardo. "Knowledge Transfer in the Tourism Industry: Implications of the use of social media in business analysis". Proceeding of The t-FORUM 2015 Global Conference Tourism Intelligence in Action. Italy. May 2015.

TEACHING EXPERIENCE

Teaching Assistant - Ritsumeikan Asia Pacific University.   **April 2014 – April 2015**
Introduction to the Internet, Programming I lecture courses.

Transcommunica Inc. Oita, Japan   **March 2013 – Present**
Web System Developer - Part-time
- Working as a backend engineer in a team of 3 people, developing a web-based real-time solar power monitoring service. (PHP, JavaScript, AWS, MySQL).
- Working as a backend and frontend engineer, developing a financial dashboard system for an accounting firm. (PHP, JavaScript, AWS, PostgreSQL).
- Working as an embedded programmer, employing ZigBee technology to wirelessly transfer data from arrays of hybrid/solar power generators to a central computer. (C, Python).

Speee Inc. Tokyo, Japan   **September 2014**
Web System Developer – Intern
- Work in a team of 3 people to develop a full-stack service prototype in 1-week time (Winner Team).
- Server-side programming and database designing for an online career consulting service, dealing with real-time communication using Web Socket and Redis DB for user session management.

Happyz Inc. Tokyo, Japan   **August – September 2013**
Web Development Engineer - Intern
- Crawling data about golf business (golf facilities, transportation infrastructure, etc.) from various local websites and integrating them into a system that recommends golf facilities to the users. (Ruby, Ruby on Rails)
- Working as a backend engineer, developing an internet system that regularly searches for public demands in playing golf from social media (e.g. blogs, tweets, etc.).

LEADERSHIP ACTIVITIES

- Vietnamese Week **Leader** (2014) – managing over 300 international students in creating the biggest annual Vietnamese culture event, raising sponsorship of over $10,000.
- Vietnamese Martial Art student organization– **Vice-Representative** (2011 ~ 2012)
- APTech student organization – **Representative** (2013)

SKILLS AND OTHERS

TECHNICAL SKILL
- Programming Languages: R, Octave, Python, Ruby, JavaScript, PHP, HTML
- Database Management: MySQL, MongoDB, PostgreSQL.
- Sever Management: AWS (CentOS, Ubuntu).

LANGUAGE ABILITY
- English: IELTS 7.5
- Japanese: Business level
- Vietnamese: Native level

SUMMER SCHOOL / MOOC
- Summer Machine Learning School 2015 – Kyoto, Japan (Selective lectures: Probabilistic Programming - Prof. Luc De Raedt, Convex Optimization - Prof. Stephen P. Boyd, Large Scale Deep Learning - Vincent Vanhoucke)
- Machine Learning Online Course Accomplishment, Prof. Andrew Ng, Stanford University
- Linear Algebra – Prof. Gilbert Strang

MEMBERSHIP
- IEEE member since 2014