

Lien-Minh Dang

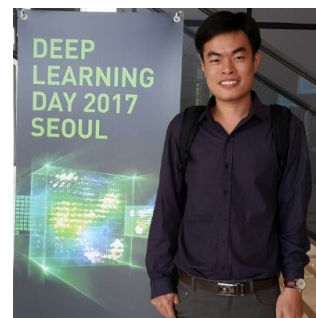
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26 June 1993

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Employment History

- 02/2018 – Present **Server manager at department of Computer Engineering, Sejong University** Manage CentOS server, manage undergraduate student account, create necessary environment for the students to practice (Linux, Java, Oracle, Mysql,...) on the server.
- 06/2016 – 03/2017 **Teaching assistant.** E-commerce Department, School of Information System, UIT University of Information Technology
- 04/2015 – 01/2016 **Part-time Ruby on rails developer.** VNITS company, Mainly build websites for Vietnam's companies and organizations using Ruby
- 07/2014 – 10/2014 **Intern** TMA company, Strengthen my hand-on experiences and knowledge in working environment

Education

- 2016 – 2020 **Combined Masters/PhD. Computer Science, Sejong University, Seoul, Republic of Korea.**
- 2011 – 2016 **B.Sc. (Hons) Engineering, University of Information Technology (UIT), Vietnam National University (VNU).**
First Class Honours. Department Prize for Outstanding Performance.

Research Publications

Journal Articles

- Dang, L. M.,** Hassan, S. I., Im, S., & Moon, H. (2019). Face image manipulation detection based on a convolutional neural network. *Expert Systems with Applications*, 129, 156–168 [IF: 4.292, Q1].
- Dang, L. M.,** Piran, M., Han, D., Min, K., Moon, H. et al. (2019). A survey on internet of things and cloud computing for healthcare. *Electronics*, 8(7), 768 [IF: 1.764, Q3].
- Hassan, S. I., **Dang, L. M.,** Mehmood, I., Im, S., Choi, C., Kang, J., ... Moon, H. (2019). Underground sewer pipe condition assessment based on convolutional neural networks. *Automation in Construction*, 106, 102849 [IF: 4.313, Q1].
- Dang, L. M.,** Hassan, S. I., Im, S., Mehmood, I., & Moon, H. (2018). Utilizing text recognition for the defects extraction in sewers cctv inspection videos. *Computers in Industry*, 99, 96–109 [IF: 4.769, Q1].
- Dang, L. M.,** Syed, I. H., Suhyeon, I., Sangaiah, A., Mehmood, I., Rho, S., ... Moon, H. (2018). Drone agriculture imagery system for radish wilt disease identification via




efficient convolutional neural network. *Sustainable Computing: Informatics and Systems*, (In Press) [IF: 1.8, Q3].

- 6 Dang, L., Hassan, S., Im, S., Lee, J., Lee, S., & Moon, H. (2018). Deep learning based computer generated face identification using convolutional neural network. *Applied Sciences*, 8(12), 2610 [IF: 2.217, Q2].
- 7 Ha, J. G., Moon, H., Kwak, J. T., Hassan, S. I., **Dang, L. M.**, Lee, O. N., & Park, H. Y. (2017). Deep convolutional neural network for classifying fusarium wilt of radish from unmanned aerial vehicles. *Journal of Applied Remote Sensing*, 11(4), 042621 [IF: 1.107, Q3].






Conference Proceedings

- 1 **Dang, L. M.** & Duong, D. (2016). Improvement methods for stock market prediction using financial news articles. In *Information and computer science (nics), 2016 3rd national foundation for science and technology development conference on* (pp. 125–129). IEEE.
- 2 Duong, D., Nguyen, T., & **Dang, L. M.** (2016). Stock market prediction using financial news articles on ho chi minh stock exchange. In *Proceedings of the 10th international conference on ubiquitous information management and communication* (p. 71). ACM.

Research Experiences



- 03/2016 – Present  **Computer vision and pattern recognition lab, Sejong University**
The main research is about computer vision, natural language processing, deep learning.
- 10/2014 – 06/2016  **Research assistant in E-commerce Department.** Involved in research project which focused on predicting the stock market prediction using machine learning, natural language processing, text-mining. Founded IS research group of E-commerce department.
- 10/2011 – 10/2012  **Research assistant.** Supported Msc. Hung Ngo in conducting research on building English-Vietnamese Bilingual Corpus.

Skills




- Languages  Strong reading, writing and speaking competencies for English (IELTS 7.0, TOEIC 970), Vietnamese.
- Coding  Python, PHP, Python, R, SQL, XML/XSL, \LaTeX , NET, C#.NET.
- Databases  MySQL, PostgreSQL, HSQL, SQLite.
- Web Dev  HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server.
- Misc.  Academic research, teaching, training, consultation, \LaTeX typesetting and publishing.

Miscellaneous Experience


Awards and Achievements

- 2016-2018  **Full Master scholarship**, Sejong University, Seoul, South Korea.
- 2011-2015  **Semester scholarship**, Undergraduate study, University of Information Technology, Vietnam.

Miscellaneous Experience (continued)

- 2015  **Silver medal** on “Design - Manufacture – Application III” contest with the project “Digital image copyright protection” by HoChiMinh Communist Youth Union.
- 2013-2014  **Student of 5 merits**, University of Information Technology, Vietnam.
- 2013  **Vu A Dinh scholarship**, for ethnic students who have good national learning achievement, HoChiMinh city, Vietnam.

Certification

- 2016  **Hard-working and excellent study in undergraduate study**, University of Information Technology, Vietnam.

References

Available on Request