

# Lien-Minh Dang

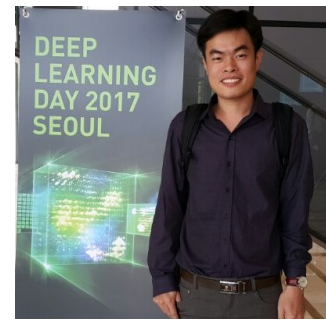
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26th June 1993

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## Employment

- 02/2018 – Present    **Server manager.** Manage 5 CentOS server and undergraduate student accounts, create necessary environments for the students to practice (Linux, Java, Oracle, Mysql,...) on these servers.
- 06/2016 – 03/2017    **Teaching assistant.** E-commerce Department, School of Information System, University of Information Technology UIT .
- 04/2015 – 01/2016    **Part-time Ruby on rails developer.** VNITS, 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 the big company environment.

## Education

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

## Publication

### SCIE journal

- 1    **Dang, L. M.**, Lee, S., Min, K., & Moon, H. (2020). Tampered and computer-generated face images identification based on deep learning. *Applied Sciences*, 10(2), 505 [IF: 2.217, Q2].
- 2    Li, Y., Wang, H., **Dang, L. M.**, Sadeghi-Niaraki, A., & Moon, H. (2020). Crop pest recognition in natural scenes using convolutional neural networks. *Computers and Electronics in Agriculture*, 169, 105174 [IF: 3.171, Q1].
- 3    **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].
- 4    **Dang, L. M.**, Piran, M., Han, D., Min, K., & Moon, H. (2019). A survey on internet of things and cloud computing for healthcare. *Electronics*, 8(7), 768 [IF: 1.764, Q3].
- 5    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].

- 6 **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].
- 7 **Dang, L. M.**, 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].
- 8 **Dang, L. M.**, Sadeghi-niarak, A., Huy, D. H., & Moon, H. (2018). Deep learning approach for short-term stock trends prediction based on two-stream gated recurrent unit network. *IEEE Access*, 6, 55392–55404 [IF: 4.098, Q1].
- 9 **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].
- 10 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].

## Research Experience

- 03/2017 – 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 the E-commerce Department.** Involve in the 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.** Participate in building English-Vietnamese Bilingual Corpus.

## Skills

- Languages    **Strong reading, writing, and speaking competencies for English (IELTS 7.0, TOEIC 970), intermediate reading and listening competencies for Korean, Vietnamese.**
- Coding    **Python, PHP, SQL, XML/XSL,  $\text{\LaTeX}$ , NET, C#.NET.**
- Database    **MySQL, PostgreSQL, HSQL, SQLite.**
- Web dev    **HTML, CSS, Javascript, Apache Web Server, Tomcat Web Server.**
- Misc.    **Academic research, teaching, training, consultation,  $\text{\LaTeX}$  typesetting and publishing.**




## Miscellaneous

### Award and achievement



- 2017-2020    **Full scholarship**, Sejong University, Seoul, Korea.
- 2011-2015    **Semester scholarship**, Undergraduate study, University of Information Technology, Vietnam.

## Miscellaneous (continued)

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- 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.
- 2019      **Korea Immigration & Integration Program**, Ministry of Justice, Korea.