Lien-Minh Dang

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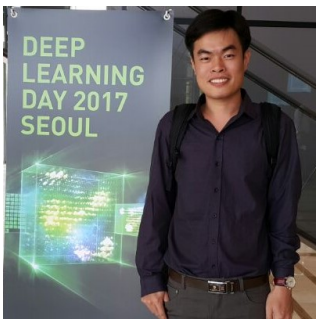

Employment

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**: 2.474, Q2].
2. **Dang**, **L. M.**, Min, K., Wang, H., Piran, M. J., Lee, C. H., & Moon, H. (2020). Sensor-based and vision-based human activity recognition: a comprehensive survey. *Pattern Recognition*, *108*, 107561 [**IF**: 7.196, Q1].
3. Li, Y., Wang, H., **Dang**, **L. M.**, Sadeghi-Niaraki, A., & Moon, H. (2020a). A deep learning-based hybrid framework for object detection and recognition in autonomous driving. *IEEE Access*, *8*, 194228–194239 [**IF**: 3.745, Q1].
4. Li, Y., Wang, H., **Dang**, **L. M.**, Sadeghi-Niaraki, A., & Moon, H. (2020b). Crop pest recognition in natural scenes using convolutional neural networks. *Computers and Electronics in Agriculture*, *169*, 105174 [**IF**: 3.858, Q1].
5. Wang, H., Li, Y., **Dang**, **L. M.**, Ko, J., Han, D., & Moon, H. (2020). Smartphone-based bulky waste classification using convolutional neural networks. *Multimedia Tools and Applications*, *79*(39), 29411–29431 [**IF**: 2.313, Q2].

6. **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**: 5.452, Q1].

7. **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**: 2.412, Q2].

8. 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**: 5.699, Q1].

9. **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**: 3.954, Q1].

10. **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**: 2.474, Q2].

11. **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**: 3.745, Q1].

12. **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**: 2.798, Q2].

13. 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**: 1.360, Q4].

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, LaTeX, NET, C#.NET.

Database
- MySQL, PostgreSQL, HSQL, SQLite.

Web dev
- HTML, CSS, Javascript, Apache Web Server, Tomcat Web Server.

Skills (continued)

Misc. Academic research, teaching, training, consultation, 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.

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.