Duy Tang Hoang

Resume

24 November 1987

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About me

I am a diligent person. I have little work experience but I am willing to learn new things. I like working independently but I am also capable of team-working and adapt to a new environment.

Interests

Artificial intelligence, Machine learning, Evolutionary algorithms, Swarm algorithms

Education

2014-2020 Ph.D. candidate — Expected graduation date: November 2020
University Of Ulsan, South Korea

2005-2010 Engineer
Hanoi University of Science and Technology, Vietnam

Language

Vietnamese	English	Korean
Native		
	●●●◐○ —*Listening*	●●○○○ —*Listening*
	●●●○○ —*Speaking*	●○○○○ —*Speaking*
	●●●●○ —*Reading*	●●○○○ —*Reading*
	●●●●● —*Writing*	●●○○○ —*Writing*

Technical skill

Programming language: Python, Matlab

Machine learning tool: Pytorch, Scikit-learn, Tensorflow

Publication

2019 Hoang, Duy Tang, and Hee Jun Kang. "A Motor Current Signal Based Bearing Fault Diagnosis Using Deep Learning And Information Fusion." IEEE Transactions on Instrumentation and Measurement (2019). *Journal paper*

Hoang, Duy Tang, and Hee Jun Kang. "A survey on Deep Learning based bearing fault diagnosis." Neurocomputing 335 (2019): 327-335. *Journal paper*

Hoang, Duy Tang, and Hee Jun Kang. "Rolling element bearing fault diagnosis using convolutional neural network and vibration image." Cognitive Systems Research 53 (2019): 42-50. *Journal paper*

2018 Hoang, Duy Tang, and Hee Jun Kang. "A bearing fault diagnosis method based on autoencoder, particle swarm optimization and support vector machine." International Conference on Intelligent Computing. Springer, Cham, 2018. *Conference paper*

Hoang, Duy Tang, and Hee Jun Kang. "Deep belief network and Dempster-Shafer evidence theory for bearing fault diagnosis." 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE). IEEE, 2018. *Conference paper*

2017 Hoang, Duy Tang, and Hee Jun Kang. "Convolutional neural network based bearing fault diagnosis." International Conference on Intelligent Computing. Springer, Cham, 2017. *Conference paper*