NGO THANH DAT

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Education

2012 – 2016 | Ho Chi Minh City University of Technology | BS. Electrical and Electronics Engineering (Advanced Program).

Experience

2015 – 2016 | **iHeartech Lab** | Assistant researcher on Vietnamese speech recognition.
2017 – 2018 | **Intel Products Vietnam** | Process and Equipment Engineer.

Skills Summary

Program Language: Python (Numpy, Scipy), Verilog, Perl, Shell scripting, C++, System C.
Application: Matlab, Latex, Microsoft Office, JMP statistics, TensorFlow, Operating system (Linux).
Languages: Vietnamese (Mother tongue), English (IELTS 7.5), German (A1).

Publications

[1] Efficient Hardware Architecture for Dynamic FFT Based on Radix 2, National Conference on Electronics, Communications and Information Technology – (REV-ECIT), HCMC, 2015.
[2] Dynamic ASIC-Based Mel Frequency Feature Extraction in Speech Recognition System, International Conference on Advanced Computing and Applications (ACOMP), IEEE Computer Society, HCMC, 2016.
[3] Acoustic Scene Classification Using A Deeper Training Method for Convolution Neural Networks, The International Symposium on Electrical and Electronics Engineering (ISEE), IEEE Computer Society, HCMC, 2019.
[4] A Re-trained Model Based On Multi-kernel Convolutional Neural Network for Acoustic Scene Classification, The 2020 RIVF International Conference On Computing And Communication Technologies, IEEE Computer Society, HCMC, 2020.
[5] Acoustic Scene Classification Using C-DNN and C-RNN Joined Learning Model (Writing on Journal version).

Awards and Acknowledgements

- Best presentation in community project in Pre-university program 2012-2013.
- Excellent achievement in Union works and Youth movement in year of 2013-2014.
- Academic scholarship of top 5% in 1st semester 2013-2014.
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Reference

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