HO
Ngoc-Huynh

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Chonnam National University

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Vietnamese

https://ngochuynhho.github.io

Gwangju, S. Korea

TECHNICAL SKILLS

Machine Leaning | Deep Leaning | Programming | Problem-solving

- Python
- MATLAB
- C#/C++
- Java
- Office

SOFT SKILLS

Attention to detail | Teamwork | Analytical thinking | Communication

LANGUAGES

- Vietnamese
- English
- Korean

EDUCATION

Ph.D in AI Convergence | 2017 – 2021
Chonnam National University, S. Korea
GPA : 4.25 / 4.5

M.S in Electronics Engineering | 2015 – 2017
Kookmin University, S. Korea
GPA : 4.375 / 4.5

B.S in Telecommunications | 2010 – 2015
Hochiminh City University of Technology, Vietnam
GPA : 7.96 / 10

PROJECTS

Disease's Progression Prediction | 2020-Present
└ Modelling the progression of long-term disease

Alzheimer's Disease (AD) Detection | 2017-2020
└ Predicting the status of AD: NC, MCI, and AD dementia

Bone Tumor Detection | 2018-2019
└ Detecting the status of bone tumor from imaging

Multimodal Emotion Recognition | 2017-Present
└ Identifying human emotional states from multimedia: video, audio, text

Indoor Human Localization | 2016-2017
└ Estimating human walking steps using a smartphone

PUBLICATIONS

Google Scholar

https://scholar.google.com/citations?user=dYRENHsAAAAJ&hl=vi

Top citation articles

Ho NH, Truong PH, Jeong GM.
"Step-detection and adaptive step-length estimation for pedestrian dead-reckoning at various walking speeds using a smartphone".
Sensors (**SCI journal**)

Vu TD, **Ho NH**, Yang HJ, et al.
"Non-white matter tissue extraction and deep convolutional neural network for Alzheimer's disease detection".
Soft Computing (**SCI journal**)

Patents

Yang HJ, Kim SH, Lee G, **Ho NH**.
"Voice emotion recognition method and system".
DOI: 10-2019-0004760.

Yang HJ, Kim SH, Jung ST, Joo SD, **Ho NH**, Tran DS.
"System for detecting bone tumour".
DOI: 10-2019-0002323.