Ngoc-Huynh **HO**

Curriculum Vitae

About me

- Computer Scientist
- Extensive experience in data analysis of human emotion recognition via multimedia
- Healthcare application: monitoring long-term disease's progression, detecting bone tumor, and predicting brain-disease survival time.

Contact

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Technical Skills

Data Analysis | Coding | Proposal Writing | Technical Writing | Deep Learning | Modelling & Development | Office Automation

Programming Languages

Python | MATLAB | Java | R | C/C++/C# | Bash

Soft Skills and Strengths

Creativity | Flexibility | Self Confidence | Ability to Plan and Organize | Problem Solving | Team Working | Love Learning New Things | Communication | Patience

Access my homepage via the QR below

EDUCATION

2017-2021 — **PhD in AI Convergence** — Gwangju, S. Korea
Chonnam National University (CNU)
"A Study on Prediction of Alzheimer's Disease Progression Using Bidirectional-Progressive Recurrent Networks". 2020.
GPA: 4.25/4.5

2015-2017 — **MS in Electrical Engineering** — Seoul, S. Korea
Kookmin University
"Distance Estimation Considering Varying Walking Speed for Smartphone PDR Using Adaptive Step-Length Estimation". 2016
GPA: 4.375/4.5

2010-2015 — **BE in Telecommunications** — Hochiminh, Vietnam
Hochiminh City University of Technology
"Impact of Channel Estimation Error on the Performance of Relay Selection in Cognitive Radio Networks". 2014
GPA: 7.96/10

PROFESSIONAL EXPERIENCE

2021-Today — **Post-Doctoral Researcher** — CNU, S. Korea
Dept. of AI Convergence
Development of AI models for predicting and understanding disease's progression (Alzheimer, Parkinson, lymphoma, etc.), emotion recognition in conversation, and social human interaction.

2021-Today — **Teaching Assistant** — CNU, S. Korea
Dept. AI Convergence
Guiding and evaluating students in the course: Advanced Project for AI Convergence; directly identifying students' problems and helping them to understand concepts and tools for working with data and having experience in analyzing real data.

2020 (5M) — **Research Assistant** — CNU, S. Korea
Dept. AI Convergence
Researching and analyzing the applications of AI in enhancing the security of biometrics authentication.

2019 (2W) — **Research Visiting** — University of Oulu, Finland
Center for Machine Vision and Signal Analysis
Discussing and sharing knowledge about current trend on emotion recognition topics using ML/DL techniques.

2018 (4M) — **Teaching Assistant** — CNU, S. Korea
Dept. AI Convergence
Conducting necessary exercises of Data Structures course; providing an overall understanding of the data structures as well as an understanding of the classroom process.

PUBLICATIONS

Check my publications at homepage ngochuynhho.github.io

REFERENCES

Prof. Hyung-Jeong Yang — **Chonnam National University** — S. Korea
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Prof. Gu-Min Jeong — **Kookmin University** — S. Korea
Dept. of Electrical Engineering
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