VAN NHIEM, TRAN

Software – Hardware – Design engineer

I love to build and create things that make our life better

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Personal website: https://nhiem.github.io/tran.github.io/

Domain Knowledge

| Deep Learning | Effcient Machine Applications Design | Data Processing & Visualization | Embedded Control System & Sensors Fusion System |
| Auto Machine Learning | Data Mining & Big Data | Embededded Software Deveploper | |

Education

Ph.D. Candidate Computer Science

National Central University Taiwan (09/2020 – Present - Current GPA 4/4)

- Advisor: Prof. Li, Yung Hui / Computer Science Information Technology /NCU

Master of Science Information Technology Application

National Central University Taiwan (09/2018 -07/2020 -GPA 4/4)

- Advisor: Prof. Chung, Chi Chung/Informatics and Advanced Technology/NCU

Bachelor of Science

Vietnam National University, HCM-University of Science (07/2013 -07/2017-GPA 3.2/4)

Technical Skills

Machine Learning Frameworks:

- TensorFlow (Tensorflow Lite, Tensorflow Lite Micro), Scikit-Learn, PyTorch, STM32XcubeAI

Program Language:

- Python, Embedded program C, C++, LabVIEW, MATLAB.

Database/Sever:

- SQL, Influx DB

Operating System:

- Free RTOS, Embed OS, Linux (Debian), Windows

Design Engineer Tool:

- Kid Cad (Electrical PCB Design), AutoCAD 2D 3D, DesignSpark Mechanical

Language & Communication

Languages, Communications:

- Vietnamese   Native
- English   Full proficiency
- Chinese (Speaking, reading)   Working Proficiency
- Presentation skills, organization skills, Communication skills

Academic Experience

Teaching Assistant: (National Central Taiwan University)

+ Environmental and Disaster Monitoring (02/2019 – 08/2020)

+ LabVIEW Program Design (02/2019 – 08/2019)

+ Programing for Engineering C++ (08/2018 – 01/2019)

Personal & Collaborate Projects

I. Iris Recognition on IoTs, Embedded, Mobiles Applications (01/2021- Present)

II. Eye tracking eLearning Applications (09/2020 – Present)

III. Integrated TDR monitoring system on physical modelling for disaster prevention. (08/2019-07/2020)

Projects Information can be found in (https://nhiem.github.io/tran.github.io/)