Jaronchai Dilokkalayakul

Junior AI Researcher, Engineering student

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EXPERIENCE

Junior AI Researcher, Thai-Nichi Institute of Technology (TNI) 🔗

Nov 2022 – present
Data Science and
Analytics Laboratory

- Design and develop a machine-learning iOS application using Swift and SwiftUI
- Collaborate with the team to create machine learning models to be tested and implement in the application using Python with TensorFlow and Keras
- Integrate Tensorflow and Keras neural network into the native iOS development environment with CoreML
- Test and simulate neural network architectures on the developed application

Computer Laboratory Assistant, TNI

Mar 2021 – present
Digital Engineering
Laboratory

- Apply programming and Internet of Things concepts into actionable laboratory stations
- Present and maintain laboratory stations and update them when needed
- Specialize in utilizing the modules of Raspberry-pi and Arduino

Teaching Assistant, TNI

Nov 2021 – Mar 2022
for Engineering
Mechanical Design
Course

- Taught the contents of the Engineering Mechanical Design course along with the lecturer
- Created homework assignments and evaluated each student's performance
- Maintained 3D printer operations for conducting a safe and efficient procedure

EDUCATION

Digital Engineering (B.Eng.), TNI, International Program 🔗

Jul 2020 – present

- 3.95 / 4.00 - First rank of the program and full scholarship holder (100%)
- International Student Council (ISC), Volunteer work, and leadership demonstration
- Department Representative, Assist professors and faculty with community outreach

AWARDS

Certificate of Academic Excellence in 2020 and 2021, TNI
In recognition of outstanding academic performance in the years 2020 and 2021

SKILLS

Technical Skills *(Machine Learning, Data Analytics, Python, R-Programming, Artificial Neural Networks, TensorFlow, Keras, Scikit-Learn, CoreML, Data Visualization Libraries, Cloud Computing and Architecture)*

Managerial Skills *(Software Development Lifecycle, Waterfall Model, Agile Methodologies, Gantt Chart, Kanban)*

Soft Skills *(Organization, Time management, Creativity, Communication, Teamwork, Collaboration)*

Life Skills *(Digital Illustration, Amateur Fingerstyle Guitar, Practicing Marathon Running)*

CERTIFICATES

Data Analyst Career Track 🔗 *(Datacamp)* | **Machine Learning Fundamental Skill** 🔗 *(Datacamp)*

IBM Applied AI Professional 🔗 *(IBM)* | **Natural Language Processing Skill** 🔗 *(Datacamp)*

Operate and Manage Cloud Servers 🔗 *(Alibaba Cloud)* | **Python Skill Verification Test** 🔗 *(HackerRank)*

IELTS 🔗 *(Overall 7.5)*