Phan Ngọc Lân

Software Engineer

✉ phan.ngoclan58@gmail.com
⬡ github.com/lanPN85
in www.linkedin.com/in/lanpn85

ABOUT ME

I am a full-stack software engineer and AI researcher looking to build great AI products

SKILLS

Proficient in:

- Python
- Java
- Javascript
- Typescript
- Kotlin

Familiar with Rust and C/C++

HIghly familiar with multiple ML frameworks, including Keras, PyTorch

Can work with various backend technologies:

- NodeJS: Koa, Express
- Python: FastAPI, Flask, Tornado
- Kotlin: Ktor

Proficient in creating reactive web applications with VueJS

Proficient with Linux and the command line. Worked with various distros including Ubuntu, Debian, CentOS, Arch

Experienced in deploying and managing cloud resources on Google Cloud Platform

Experienced in developing Android applications, especially camera-based apps. Has worked on deploying high-performance, edge AI models on Android.

Experienced with PostgreSQL and MySQL

Experienced with various NoSQL and streaming technologies: MongoDB, Redis, Kafka, Elasticsearch,...

EXPERIENCE

VDSense JSC - *AI System Architect*

4/2020 - 4/2021

- Designed and implemented various platform components for AI services to run at scale, both on-premise and on the cloud
- Architected multiple AI services
- Managed key resources on Google Cloud Platform
- Integrated a high performance on-device face recognition model
- Products: eKYC API, Face Recognition system, Smart-camera surveillance system

VNG Corporation - *Software Development Intern*

9/2016 - 1/2020

- Worked primarily on designing/integrating AI speech recognition models
- Built internal tools for data management, collection, processing,…
- Research included speech recognition models, as well as natural language processing

EDUCATION

Hanoi University of Science and Technology - *Masters Degree in Data Science and Artificial Intelligence (in progress)*

2020 - now

Hanoi University of Science and Technology - *Engineering Degree in Information and Communications Technology*

2014 - 2019

GPA - 3.56/4.00

AWARDS AND HONORS

Winner, Vietnam AI Grand Challenge 2019

Participated as a member of YoungGRD, the winning team in VAGC 2019 hosted by Kambria

NOTABLE PUBLICATIONS

Nguyen Thi Tam, Huynh Thi Thanh Binh, Vi Thanh Dat, **Phan Ngoc Lan**, Le Trong Vinh, *Towards optimal wireless sensor network lifetime in three*

*dimensional terrains using relay placement metaheuristic*s, Knowledge-Based System, 206, 106407, 2020.

Dinh Viet Sang, **Phan Ngoc Lan**, *BK.Synapse: A scalable distributed training framework for deep learning*, Proceedings of the Tenth International Symposium on Information and Communication Technology, 43-48, 2019

Nguyen Thi Tam, Huynh Thi Thanh Binh, Dinh Anh Dung, **Phan Ngoc Lan**, Le Trong Vinh, Bo Yuan, Xin Yao, *A Hybrid Clustering and Evolutionary Approach for Wireless Underground Sensor Network Lifetime Maximization*, Information Sciences, 504, 372-393, 2019