Thanh Tung VU

End of study internship - Data Scientist

Motivated and passionate for Data and Artificial Intelligence, seeking a challenging role as a Data Scientist. Eager to apply my technical knowledge and problem-solving abilities to develop innovative data driven solutions that drive positive impact and enhance user experiences.

CONTACT

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SKILLS

Technical skills :

Java
Python
SQL
Git
Docker
Rundeck
ELK stack
Spark
Linux

AI/ML tools:

Pytorch
Tensorflow
Numpy
CUDA

COMPETITIONS

Finalist Cod'INSA 2023

ACTIVITIES

Video editor of Vietnamese Association in Rennes 2020 - 2022

LANGUAGES

English : Fluent (C1)
Frecnh : Business proficiency (B2)
Vietnamese : Native

PROFESSIONAL EXPERIENCES

ARMOR Group, Nantes, Pays de la Loire, France

DevOps Intern   06/2022 - 08/2022

- Deployed mock servers to test jobs on **10 different scheduling tools** and make comparisons.
- Deployed a preprod server for **Rundeck** and verified the proof of concept.
- Studied a new **logging convention (RFC5424)** and adapted the enterprise application to this new convention.
- Tested **5 monitoring tools** with Docker, compared to propose the best one.

INSA de Rennes, Rennes, France

Python Developer Intern   07/2023 - 09/2023

- Developed a **Qt application** for experiment control and data analytics.
- Achieved synchronization at the order of **10 ns** by interfacing **Python** code with **FPGA machines.**

PROJECTS

Implementation Style Transfer with GNN   05/2023

- Implemented the code for the paper "Learning Graph Neural Networks for Image Style Transfer" with **Pytorch.**
- Enhanced the model with **pyramid feature extraction.**

3DCNN + Attention mechanism   05/2023

- Built a light-weighted 3DCNN + Attention model with **Pytorch.**
- Conducted ablation studies on different configuration of the model.

Trading with RL aglorithms   05/2023

- Built a **Gym** environment for RL trading bots with FinRL.
- Collected stock market data and enriched data with technical indicators.
- Tried different RL algorithms **(DDPG, PPO, A2C)** on the environments.

CERTIFICATS

Spark and Python for Big Data with PySpark | Udemy   08/2022

SQL Advanced | HackerRank   08/2022

Deeplearning Specialization (DEEPLEARNING.AI)   09/2021 - 04/2022

- NLP, Neural network, ConvNet, Image processing, Optimizer, GAN.

Machine Learning (Stanford) | Coursera   07/2021 - 09/2021

- SVM, Recommandation, Regression, Régularization, Tree Methodes.

EDUCATION

L'Institut national des sciences appliquées de Rennes
Rennes, France   09/2019 - 09/2024

Ingénieur Informatique BAC +5 (Major : Clouds)

- **Notable subjects :** POO et design pattern, Data base, Algorithms and Data structures, Exploitation System, High Performance Computing.

L'Institut supérieur coréen des sciences et technologies (KAIST)
Daejeon, South Korea   02/2023 - 06/2023

Exchange program

- **Average :** 92 / 100
- **Notable subjects : Graph Neural Network, Reinforcement learning, AI &ML**