TRUNG DUNG VU

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github.com/monstertau

EDUCATION

Hanoi	**Hanoi University of Science & Technology (HUST)**	**Sep 2017 – Present**

- **Major:** Information & Communication Technology (Global ICT), **GPA:** 3.25
- **Coursework:** Data Structure & Algorithm, Artificial Intelligence, Object Oriented Programming, Computer Architecture, Programming Language, Web Programming, Distributed System
- **Certificates:** MindX Web Development Course

EXPERIENCE

Data Engineer Intern	**Viettel Cyber Security**	**Oct 2019 – Present**

- Built CLI Tool to detect Webshell for the Server Endpoint Protection using **Golang, Apache Kafka**
- Built Machine Learning Model to detect DGA (Domain Generated Algorithm) using LTSM
- Joined Security Project as microservices back-end developer for SOC System using **Python, Golang**
- Used **MapReduce2, Apache Spark** to analyze anomaly detection

PERSONAL PROJECTS

Back-end Developer, Team Leader	**Lazy Cooking**	**Aug 2019 – Sep 2019**

- **GitHub:** github.com/monstertau/lazy-cooking
- **Descriptions:** A website for uploading and sharing cooking technique, especially for lazy people like IT Engineer, with a numerous of easiest recipe for them to get familiar with cooking skill.
- **Tech stack:** ReactJS, NodeJS

Full-stack Developer	**Tic-tac-toe with Reinforcement Learning**	**Oct 2019 – Dec 2019**

- **GitHub:** github.com/monstertau/tic-tac-toe-rl
- **Descriptions:** A traditional 3x3 Tic-tac-toe Game with different approach using Reinforcement Learning.
- **Tech stack:** ReactJS, Python Flask

Back-end Developer	**Store Manager**	**Feb 2020 – June 2020**

- **GitHub:** https://github.com/monstertau/store-manager
- **Descriptions:** A web application used for store management.
- **Tech stack:** ReactJS, Spring Boot

Back-end Developer   **E-Bike Booking App**   **September 2020 – January 2021**

- **GitHub:** https://github.com/monstertau/E-Bike-Flutter

- **Descriptions:** A cross-platform mobile application for booking E-Bike.

- **Tech stack:** Flutter, NodeJS

ACTIVITIES AND AWARDS

- **Top 6 Deep Racer Techfest 2019**, Ha Long, 2019

  Studied & Built AWS Autonomous Car race on a physical track with highest speed & accurancy.

- **Top 1 MindX Hackathon 2019**, Ha Noi, 2019

  Built & Raised idea for Lazy Cooking Website.

- **Top 4 MindX Grand Hackathon 2020**, Ha Noi, 2020

  Built & Raised idea for Career Orientation Website.

SKILLS

- **Programming languages:** Golang, Python, JavaScript, Dart, Java

- **Frameworks:** Sklearn, Tensorflow, ReactJS, NodeJS, Flask, Spring

- **Tools:** Git, Docker, Npm

REASON FOR APPLYING SUMMER SCHOOL & FUTURE PLAN

Machine learning has inserted itself into the fiber of our everyday lives. This being said, it goes without saying that the future is already here – and machine learning plays a significant role in the way our contemporary imagination visualizes it. As a fourth-year student, I have seen a lot of problem need to be solved with Machine Learning. While most of the Machine Learning problem coming from the school course is covered as in learning environment and lack of practical application. Moreover, Machine Learning applying on Enterprise Concern can only cover a limited business domain. So, this Summer School on Advances in Data Science and Artificial Intelligence is a good place for me to searching for a wider view of Machine Learning and Data Science applying to wider range of concerned field. As joining the Summer School, I'm looking for opportunities, knowledge as well as networking in the Data Science Major. Since I'm extremely interested in ML and AI field, my future plan is being an AI Engineer and AI Solution Architect to solve many real world problem, especially in my major of interest in Bioinformatic field.