

EDUCATION

INSA - National Institute of Applied Sciences
Toulouse, France

09/2018 - 06/2023 (expected)

- Engineer's degree in Modelling, Informatics and Communication.
- Major in Applied Mathematics.

OPEN-SOURCE PROJECTS

TensorFlow - Google Summer of Code 2020

Developed cloud filesystem plugins for "Modular Filesystems C API"
More details

- Converted the current filesystem (Amazon S3, Google Cloud Storage, Apache Hadoop) implementations from TensorFlow Core into modular plugins.
- Made all plugins working on Windows, MacOS and Linux.

Google Cloud Cpp - Google Cloud Storage (GCS) gRPC

Adding support for interacting with GCS by gRPC protocol
More details

- Implemented a GCS emulator for testing purposes which supports both REST and gRPC using Flask.
- Working on gRPC client-side methods for interacting with GCS.

TensorFlow - RFC: C++ Gradients

Implementing gradients functions based on "RFC: C++ Gradients"
More details

- Porting gradients functions from Python to C++.
- Implemented a bare minimum infrastructure for building ML models entirely in C++ and achieved 96% accuracy rate with MNIST dataset.

HONORS AND ACTIVITIES

Shecodes Vietnam Organization

- Technology staff in Shecodes Vietnam Organization 2020.

Vietnam Mathematical Olympiad (VMO)

- Second Prize in 2018.

The 11th Conference of The Decentralized French-Vietnamese Cooperation

- Volunteer in 2018.

Da Nang-Japan youth exchange program

- Participant in 2015.

SKILLS

Languages

- C++, C, Python, Java, HTML/CSS, Javascript, Latex

Technologies

- TensorFlow, GCP, Protobuf, gRPC, Android.

Spoken Languages

- Vietnamese (Native)
- English (IELTS 7.0)
- French (DEL F B1)
- Japanese (JLPT N5)