



Van Nghia VO

Student Developer at Google Summer
of Code for TensorFlow

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EDUCATION

INSA - National Institute of Applied Sciences
Toulouse, France

09/2018 - 06/2023 (expected)

- Engineer's degree in Applied Mathematics.

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.
- Used C, C++, Amazon S3, Google Cloud Storage, Apache Hadoop, Bazel, Python 3.

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.
- Used C++, GCS, Protobuf, Python 3, Flask, gRPC, REST.

HONORS AND ACTIVITIES

IBM Master the Mainframe

- Part Two Global Winner in 2019.

Vietnam Mathematical Olympiad (VMO)

- Second Prize in 2018.

Shecodes Vietnam Organization

- Technology staff in Shecodes Vietnam Organization 2020.
- Mentor for Shecodes Vietnam Hackathon 2019.

The 11th Conference of The Decentralized French-Vietnamese Cooperation

- Volunteer in 2018.

SKILLS

Languages

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

Technologies

- TensorFlow, AWS, GCP, Protobuf, gRPC, Android, Node.js, Express, React, React Native, OpenCV.

Spoken Languages

- Vietnamese (Native)
- English (IELTS 7.0)
- French (DELFI B1)