



# 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

### 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.

### Da Nang-Japan youth exchange program

- Participant in 2015.

## 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)
- Japanese (JLPT N5)