




# Van Nghia VO

Student Developer at Google Summer of Code for TensorFlow

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## EDUCATION

### National Institute of Applied Sciences (INSA)

Toulouse, France

09/2018 - 06/2023 (expected)

- Master in Computational and Mathematical Engineering.

## PROJECTS

### TensorFlow - Google Summer of Code 2020

*Cloud plugins for Modular Filesystems C API*  
[More details](#)

- Mimicked the implementations from TensorFlow Core Filesystems.
- Replaced all dependencies from TensorFlow Core by similar ones from Google Abseil and TensorFlow C API.
- Ensured API/ABI compatibility between Tensorflow Core and plugins.

### Google Cloud Cpp - Google Cloud Storage (GCS) gRPC

*C++ client functions for interacting with GCS by gRPC protocol*  
[More details](#)

- Implemented a GCS emulator for testing purposes which supports both REST and gRPC using Flask.
- Completed support for GCS+gRPC plugin.

## 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

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

### Spoken Languages

- Vietnamese (Native)
- English (Upper-Intermediate)
- French (Intermediate)