

# CURRICULUM VITAE

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Sex: Male

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Job status: PhD student at University Grenoble Alpes (UGA)



## EDUCATION

- Sep.2007 to May.2010**      **Student of Hoang Van Thu gifted high school**  
(Hoa Binh province – Vietnam)  
Major: Mathematics
- Sep.2010 to June.2015**      **Student of Center for Training of Excellent Student (CTES)<sup>1</sup>**  
**- Hanoi University of Science and Technology (HUST)**
- Area of Study : Electronics and Communications
  - Studying program: **Talented Engineer's Program**
- GPA (Last Semester): 3.53/4.0 (8.83/10)**  
**CPA: 3.45/4 (8.63/10)**  
**Rank: 18/500 (Top 4%)**
- Sep.2017 to Sep.2018**      **Student of Ensimag – Grenoble INP (FRANCE)**  
**Master of Science in Informatics at Grenoble (MoSIG)**
- Specialization: Artificial Intelligence and the Web
- CPA: 13.26/20**
- Mar.2019 till now**      **PhD student at University Grenoble Alpes (UGA)**  
Research interest: Automatic Speech Translation

## EXPERIENCES

- 2014 to June.2015**      **Intern of International Research Institute MICA<sup>2</sup>**
- Research Area: Natural Language Processing, Speech Synthesis, Signal Processing
  - Developing Vietnamese Text-to-Speech engine on Android devices (Co-operated with Samsung Electronics Vietnam)

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<sup>1</sup> <http://hust.edu.vn/>

<sup>2</sup> <http://mica.edu.vn/>

**June.2015 to 2016**

**Engineer of International Research Institute MICA**

- Research Area: Signal Processing, Expressive Speech Synthesis
- Developing Vietnamese Text-to-Speech engine on Android devices (Co-operated with Samsung)
- KC-03 project (National project on Intelligent Human-Machine Interaction System using Vietnamese voice control in the noisy environment)
- VLIR project (Visually impaired people assistance using multimodal technologies)
- Building speech corpus for Vietnamese

**Feb – Aug 2017**

**Developer of FPT Software Company<sup>3</sup>**

MIB3 (Modular Infotainment Building Block) project (LG Electronics and Volkswagen's project)

**Feb – Sep 2018**

**Intern of the World Intellectual Property Organization (WIPO), Geneva, Switzerland<sup>4</sup>**

Speech-to-Translated-Text project

Supervisors: Professor Laurent Besacier, Dr. Bruno Pouliquen

Using Deep Learning Frameworks to develop an End-to-End Multilingual Speech-to-Translated-Text system, from French or Spanish utterances into English text.

**Sep.2018 to Feb.2019**

**Intern of the World Intellectual Property Organization (WIPO), Geneva, Switzerland**

Chatbot project: Building a question-answering system supporting mail answering for customer-service agents.

**Mar.2019 till now**

**PhD student at University Grenoble Alpes (UGA)**

Doing research in end-to-end Automatic Speech Translation.

## AWARDS

<b>2010</b>	Rank A-Annual Scholarship for excellent students, HUST
<b>2011</b>	Rank C-Annual Scholarship for excellent students, HUST
<b>2013</b>	Rank C-Annual Scholarship for excellent students, HUST
<b>2014</b>	Rank C-Annual Scholarship for excellent students, HUST

<sup>3</sup> <https://www.fpt-software.com/>

<sup>4</sup> <http://www.wipo.int/portal/en/index.html>

2015

Third Prize in the Student Research Award 2014-2015 of MICA Institute

## LANGUAGES & SKILLS

### LANGUAGES

#### VIETNAMESE

Mother tongue

#### ENGLISH

IELTS: 7.5 (Overall Band)

Reading: 8.5    Listening: 8.5    Writing: 6    Speaking: 6

#### FRENCH

Beginner - A2

### PROGRAMING

- Matlab, Octave
- C/C++ programming language
- Javascript and Android programming
- Unified Modelling Language (UML) 2.0
- Python and Deep Learning Frameworks (Tensorflow, Pytorch)

### OTHER SKILLS

- OS: Windows, Ubuntu
- MS-Office, Zotero

## REFERENCES

- Professor Laurent Besacier - Professor at the University Grenoble Alps (UGA) GETALP team leader of the Grenoble Computer Science Laboratory (LIG) Junior Member of the Institut Universitaire de France (IUF 2012-2017) Director of the Doctoral School (ED) MSTII  
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- Professor Yannick Estève - Professor at the University of Avignon  
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- Dr. Bruno Pouliquen - Senior Software Engineer, New Service Development Section, Global Databases Service, WIPO  
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