

## SKILLS

### DEEP LEARNING

- Pytorch
- Tensorflow

### APPLIED TOPICS

- Deep Generative Models
- Machine Translation
- Image Classification
- Object Recognition

### MATH

- Linear Algebra
- Statistics and Probability
- Applied Topology

### PROGRAMMING

- Python
- Javascript

### TECH STACK

- Spark • Hadoop • Bazel
- AWS • Azure • Google Cloud
- NextJS and Vercel

## ABILITIES

### STRATEGY • LEADERSHIP

### CREATIVITY • MANAGEMENT

## OTHERS

### COMPETITION/ GRANT

Top 1% AI Healthcare Challenge  
Fabre Laboratories & Fstation  
France, 2017

Grant, 10K CAD team project  
Healthcare Cooperation  
Montreal, Canada, 2018

Top global finalists  
International Create Challenge, IDIAP  
Valais, Switzerland, 2019

Grant, 400K+ USD in credits & cash  
Healthcare, pioneer.app  
Remote global accelerator, US, 2019

Grant, 30K USD in Crypto  
Stellar Foundation  
Remote Global Accelerator, US, 2021

### HOBBIES

Traveling • Culture • Board Games

## SUMMARY

Management 4yrs (2011-2015). AI R&D (2015- ). Entrepreneurship 5yrs (2019-2024). Master in Math and CS. 15 yrs in technology. GenAI since early 2015. PhD dropout. Book author. International innovation track records in France, Canada, Switzerland, and US.

## EXPERIENCE

### FOUNDER | APPLIED AI STARTUPS, 2019-2024

- Focused on Healthcare and privacy/ security with 12M reach worldwide.
- Collaborated with individual and teams across industries and countries.
- Design, build web app on Vercel, GCP/ AWS in a continuous process.

### VISITING RESEARCHER | UNIV. OF MONTREAL/ MILA, 2018-2019

- Published a source code proposing a GenAI for 3D in Pytorch.
- Cutting edge GPUs with Nvidia P6000, K80, A100.

### AI INSTRUCTOR | VIETAI, 2017

- Collaborated with startups to launch a pilot class of 14 students.
- Supervised by Google Scientist using Tensorflow and Stanford curriculum.

### DATA SCIENTIST | AN INT' STARTUP, 2016-2017

- Language model, visual in Python, Scala w Apache Spark, Bazel, Protobuf.

### DATA SCIENCE FELLOW | IBM WOMEN FELLOW (US), 2016

- Built a Python demo that help travelers explore new places.

### MANAGER I | SINGAPORE MANAGEMENT UNIVERSITY, 2015

- Privacy and Security before a PhD program with encryption, R and C/C++.

### MANAGING DIRECTOR | AN INT' STARTUP, 2014-2015

- Managed teams of 20 to create original viral content on social media.

### INTERN | L'ECOLE POLYTECHNIQUE (FRANCE), 2014-2015

- Publish a source code for a 3D neural network in Matlab and Fortran90.

### HR MANAGER | AN INT' SOCIAL ENTERPRISE, 2012-2013

- First volunteer. Recruited and managed several different teams.

### PROJECT MANAGER | CITY SOCIETY OF MATH, 2011-2013

- Managed a team of 6. Published a book for high school teachers.

### USER EXPERIENCE GENERALIST | A LOCAL STARTUP, 2012-2013

- Analyzed products, contribute a storyboard process, and make videos.

### GRAPHICAL DESIGNER | FREELANCER, 2009-2012

- Designed media materials for universities, creative projects, and NGOs.

## EDUCATION & CERTIFICATES

### COURSERA | GOOGLE CYBERSECURITY PROFESSIONAL 2024

### UDACITY | NANO DEGREE IN AI , 1ST COHORT IN LANGUAGE 2017

### STANFORD ONLINE | STATISTICAL LEARNING 2016

### PHD DROPOUT | INFORMATION SYSTEM, SINGAPORE, 2015

### MASTER OF SCIENCE | MATHS AND CS, FRANCE, 2013-2014

### BACHELOR OF SCIENCE | MATHS AND CS, VIETNAM, 2009 - 2013

### HIGH SCHOOL | CS, VIETNAM, 2006-2009

## PROJECT & PUBLICATION

### IMAGINATION 2017/6 - 2019/4 | Released an open-source code.

- Gen AI. Sponsored by Canada Compute via Prof. Yoshua Bengio.

### WEEKLY NEWSLETTER | SECURE GENAI, 2024

### BOOK | THE FIRST CHAPTER: STORIES OF HUMAN AND GENAI., 2023

### PAPER | SPINDOCTOR: A MATLAB TOOLBOX FOR DIFFUSION MRI

### SIMULATION, 2019, NEUROIMAGE WITH L'X, FRANCE