

Emma Phuong Ng.

GMAIL | LINKEDIN | GITHUB | TWITTER

SKILLS

DEEP LEARNING

- Pytorch
- Tensorflow

APPLIED TOPICS

- 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

ANALYTICAL THINKING

DESIGN THINKING

CREATIVE THINKING

OTHERS

COMPETITION/ GRANT

Top 1% Submission
AI Healthcare Challenge
Fabre Laboratories, France, 2017

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

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

Grant, 30K USD in cash
Healthcare, pioneer.app
Remote global accelerator, 2022

HOBBIES

Travelling • Culture • Boardgames

SUMMARY

Data Scientist/ AI expert with both management and engineering experience. International track records. Graduate degree in Math and CS. 10yrs+ in tech.

EXPERIENCE

FOUNDER | XLAB/ BLUESKINX, INC./ BEST GRATITUDE, INC., 2019-2024

- Spin-off of AI projects as a tech startup. Focused on AI4Good.

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

- Proposed and developed new models of AI for 3D (mental rotation)

AI INSTRUCTOR | VIETAI, 2017

- Collaborated with startups to design, build and conduct a pilot class.

DATA SCIENTIST | AN INT' STARTUP, 2016-2017

- Researched, proposed and developed language/ visualization projects.

DATA SCIENTIST | IBM WOMEN FELLOW (US), 2016

- Worked on data technologies and machine learning with case studies.

RESEARCHER | SINGAPORE MANAGEMENT UNIVERSITY, 2015

- Investigated a theoretical framework of privacy for database.

MANAGING DIRECTOR | AN INT' STARTUP, 2014-2015

- Managed a team of 20 people, e.g. creatives, marketers and engineers.

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

- Worked on a 3D simulation of biological neural networks.

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

- Recruited, organized and managed several different teams.

PROJECT MANAGER | CITY SOCIETY OF MATH, 2012-2013

- Managed a team of 6 people and collaborators in two years.

USER EXPERIENCE GENERALIST | A LOCAL STARTUP, 2012-2013

- Analyzed products, contributing ideas, and a storyboard process.

GRAPHICAL DESIGNER | FREELANCER, 2009-2012

- Designed graphic materials for magazines, media and marketing.

EDUCATION

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

PHD DROPOUT | MATHS AND CS, INFORMATION SYSTEM, 2015

MASTER OF SCIENCE | MATHS AND CS, 2013-2014

BACHELOR OF SCIENCE | MATHS AND CS, 2009 - 2013

HIGH SCHOOL | CS, 2006-2009

PROJECTS

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

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

PUBLICATION

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