

PHILIPPE LACAILLE

PHILIPPE.LACAILLE@GMAIL.COM - 514.475.7445 - WWW.PLACAILLE.IO

EDUCATION

PHD, COMPUTER SCIENCE - ADVISOR BENGIO, Y.

UNIVERSITÉ DE MONTRÉAL [2018 - present] - Montréal, QC

MASTER OF SCIENCE, COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) - ADVISOR BENGIO, Y.

UNIVERSITÉ DE MONTRÉAL [2016 - 2018] - Montréal, QC

- Thesis - *Analyzing the Benefits of Communication Channels Between Deep Learning Models*

BACHELOR OF SCIENCE, ACTUARIAL SCIENCE

UNIVERSITÉ DU QUÉBEC À MONTRÉAL [2009 - 2012] - Montréal, QC

RESEARCH LAB / WORK EXPERIENCE

MILA - UNIVERSITÉ DE MONTRÉAL

PHD STUDENT [2018 - present] - Montréal, QC

MASTER'S STUDENT [2016 - 2018]

- Deep learning research in environment at the cutting edge of artificial intelligence research
- Investigating novel ways of incorporating unsupervised learning methods in reinforcement learning

TEACHING ASSISTANT - UNIVERSITÉ DE MONTRÉAL

INTRODUCTION TO MACHINE LEARNING, Prof. Courville, A. [2017] - Montréal, QC

- Lead tutorials and lab sessions ensuring students familiarize themselves with class material

ACTUARY - PENSION PLAN CONSULTING - MORNEAU SHEPELL

CONSULTANT [2016] - Montréal, QC

ASSOCIATE CONSULTANT [2014 - 2016]

SENIOR ACTUARIAL ANALYST [2013 - 2014]

ACTUARIAL ANALYST [2012 - 2013]

- Manage client expectations and deadlines related to ongoing projects
- Speaker in presentations given to actuaries in all offices as part of a nationwide training program
- Joint stochastic modelling of assets and liabilities of client's pension plans
- Member of the internal committee responsible for developing tools and enhancing processes
- Prepare variety of pension plan actuarial valuations, including solvability, funding and accounting

NEUROSCIENCE DEPARTMENT - UNIVERSITÉ DE MONTRÉAL - SUPERVISOR D. LAPLANTE, I.

RESEARCH INTERN [2008] - Montréal, QC

- Support post-doctoral researchers in writing of scientific papers
- Experiments in neurophysiological laboratory, including collecting and analyzing results

MISC

GRANTS AND AWARDS

Scholarship for PhD studies, Fondation Arbour
Fall 2018

Merit-based scholarship, Department of Computer
Science and Operations Research of UdeM
Winter 2017 & Winter 2018

National Bank's merit-based scholarship, Faculty
of Graduate and Postdoctoral Studies of UdeM
Fall 2017

Normandin-Beaudry's merit-based scholarship
Fall 2011

ENGAGEMENT AND VOLUNTEERING

Student representative at Mila [2017 - 2018]

PROGRAMMING / COMPUTER SKILLS

Programming languages - Python, Bash
Deep Learning Frameworks - PyTorch, Tensorflow
Scientific tools - Numpy, Tensorboard, Matplotlib
Others - Git, Markdown, LaTeX

LANGUAGES

French (Native language)
English (Bilingual)

PROFESSIONAL CERTIFICATION

Fellow - Canadian Institute of Actuaries [2015]
Fellow - Society of Actuaries [2015]