Gaétan Lepage

PhD student in Reinforcement Learning at Inria Grenoble (Perception team).

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Education

2020–today	**PhD Student**, *Inria Grenoble*, Perception team, Deep Probabilistic Reinforcement Learning for Audio-Visual Human-Robot Interaction. Supervisor: Xavier Alameda-Pineda
2019–2020	**Master of Science**, *Université Grenoble Alpes, FRANCE*, MSIAM (Master of Science in Industrial and Applied Mathematics), Data Science track. 16.32/20 - rank: 2/50
2017–2020	**Engineering student**, *ENSIMAG*, Grenoble Institute of Technology, MMIS section (Mathematical Modelling, Image and Simulation).
2015–2017	**Two-year advanced preparatory course for institutes of higher education**, *Lycée la Martinière Monplaisir*, Lyon 8. I ranked 145/2458 at the national exam.
2012–2015	**French High School Diploma with highest honors**, *Lycée Blaise Pascal*, Charbonnières-les-Bains.

Internships and work experiences

April 2020 – August 2020	**University of Applied Sciences and Arts of Western Switzerland**, *5 months research internship (Master's thesis)*, Subject : Segmentation of compound figures in medical publications using deep learning. Sierre, Valais SWITZERLAND
June 2019 – September 2019	**Hoomano**, *3 months internship*, Subject : Development of human-robots interactions. Lyon FRANCE
April 2018 – April 2019	**Cercle ENSIMAG**, *Secretary of the Students' Union Office in ENSIMAG*.
February 2018 – February 2020	**ENSIMAG**, *Bug Buster*, IT service for the school students.

Academic projects

February 2019 - May 2019	**Avalanche Modelling**, *Machine Learning project*, Prediction of avalanches, One semester-long project. Team of five students.
January 2019	**Coding of a compiler for a subset of Java**, *One month full-time teamwork. Use of professional project management tools (Maven, Git, Cobertura)*. Team of five students.
May 2018	**Coding of a JPEG encoder in C language**, *One month full-time teamwork*. Team of three students.

Languages

French	**Mother tongue**
English	**Fluent** (TOEFL 111/120)
Spanish	**Conversational**

Computer Science skills

Operating Systems	Linux, Windows
Programming languages	Python, C, C++, Java, R, LaTeX, Matlab, Arduino
Software	Git, PyTorch, TensorFlow/Keras, GNU/Linux

Hobbies

Rock Climbing, Mathematics, AI, Free & open source software