YANN DUBOIS

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	A2	B1	B2	C1	C2	Native
French:						X
Polish:						X
English:					X	
German:			X			
Italian:	X					

Education

The University of British Columbia (UBC), Vancouver, Canada — Sep. - May 2017
- Exchange year in Computer Science. Specialisation in Machine Learning.
- *GPA: 93%*

Ecole Polytechnique Fédéral de Lausanne (EPFL), Lausanne, Switzerland — Sep. 2014 - May 2017
- Bachelor of Science. Specialisation in Biomedical Engineering.
- *Awards:* **Best bachelor grades** of the entire faculty.
- *GPA:* 5.8 out of 6.

Work Experience

Data Scientist Trainee, Grab, Singapore — Since Oct. 2017
- Grab is the leading ride-hailing startup in South-East Asia.
- Working on Grab's User Trust Team to prevent fraud and ensure security for up to 2.5 million daily rides.
- In charge of building a Natural Language Processing method to analyse each users review. Working with reviews in Thai, Filipino, Malay, English, Vietnamese, Indonesian and Chinese.

Machine learning junior Researcher, UBC, Canada — May. – Sep. 2017
- Project for UBC and Sensible Building Science which uses wifi to find building occupancies.
- Design and build a machine learning tool to predict building and room occupancies.
- Understand and consider the needs of clients including: Vancouver International Airport, The University of British Columbia, and Capilano University.

Student Researcher, Prof. Fellay - Swiss Institute of Bioinformatics, Switzerland — Feb.– Sep. 2016
- Two days per week during the semester, full time during holidays.
- Was in charge of optimizing and automatizing the exome analysis of 45 children with severe sepsis and to find variants associated with this condition.
- Developed a general ranking algorithm to classify variants by their probable role in monogenic diseases. The algorithm aims to automatize the analysis of datasets that cannot be analyzed by typical supervised machine learning techniques.
- Due to the positive responses, I will be making it accessible to other bioinformaticians.

Teaching-Assistant, Analysis I and II, Prof. Favi, EPFL — Sept. 2015 – June 2016

Summer Research in Neuroscience, Brain Mind Institute, Prof. Sandi, EPFL — August – Sept. 2015
- Computationally analysing mice brains to find which regions are associated with stress.

Life Experience

Participant, Deep Reinforcement Learning Bootcamp — 25 – 27 August 2017
- Bootcamp organized by OpenAi and Berkeley to teach theoretical and practical foundations of Deep RL. Lecturers: Pieter Abbeel, John Schulman, Sergey Levine, Andrej Karpathy …

Participant, Silicon Valley Startup Camp — 28 August – 3 Sept. 2016
- Trip organized for ten students of the Canton the Vaud competitively selected for their entrepreneurial mindset, to cultivate Swiss entrepreneurship.

Runner, 4th junior (3h20), Lausanne's Marathon — 25th October 2015

President and co-founder, Association LBC — Sept. 2015 – June 2016
- Presided, created the website, found a sponsor, designed T-shirts and wristbands.
- Association which organizes events to unite students from every university in Lausanne.

Computer skills
(decreasing order)

Programming: C++, Python (ML/DL/RL libraries), R, Maltab, SQL, D3, Bash, Web dev, Scala.
Software and Toolkits: LaTeX, Git, Oracle SQL.