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Vincent Ballet
Computer Science Engineer

*Looking for a six-month internship starting in Feb. 2019 to
do my Master's Project. Keywords : data science, machine learning.*

Education

École Polytechnique Fédérale de Lausanne (EPFL) — *Lausanne - Switzerland*
Candidate for Master in Computer Science, Minor in Management, Technology and Entrepreneurship — *Expected July 2019*
Bachelor in Computer Science — *July 2016*

University of Illinois at Urbana-Champaign (UIUC) — *Champaign, IL - USA*
Exchange Program in Computer Science — *May 2015*

Lycée Massena — *Nice - France*
Baccalauréat with highest honors — *July 2013*

Experience

Gencores - Harvard Innovation Lab, MIT Accelerate finalist — *Boston, MA - USA*
Intern — *Expected June 2018 - Aug. 2018*
• Generative design using machine learning.
• Financial data analysis.

Junior Entreprise EPFL — *Lausanne - Switzerland*
Head of the IT Department & Project Manager — *Feb. 2017 - Present*
• One of 34 volunteer students managing more than 170 projects annualy with a turnover of 375 k€.
• IT strategic planning.

Amadeus — *Nice Area - France*
Intern — *June 2016 - Dec. 2016*
• Building new forecast models for plane tickets bookings.
• Prototype development (python).

École Polytechnique Fédérale de Lausanne (EPFL) — *Lausanne - Switzerland*
Teaching Assistant — *Feb. 2015 - Present*
• Helping students get a better grasp of the material. Grading exams.
• Classes taught : Advanced information, computation and communication II, Computer networks.

Projects

Machine Learning and Optimization Lab, Network Architecture Lab, EPFL — *Lausanne - Switzerland*
Researcher — *Sept. 2017 - Feb. 2018*
• Optimization of a steganographic LSTM encoder.
• Development of a decoder (python).

Mobile App Development — *Lausanne - Switzerland*
Self-teaching — *Aug. 2015 - May 2016*
• Development of two iOS apps during extra time.

Skills

Programming	Python, SQL, Java, C/C++, Objective-C, Scala, LaTeX.
Software	Git, Tableau, Microsoft Office, Adobe Suite
Languages	Bilingual in french and english, german basis.
Social	Leadership, autonomy, adaptivity, interaction and communication. Sense of results.

Awards and Achievements

Associative
• Best European Junior Enterprise, 2018.
• Best Swiss Junior Enterprise, 2017.

Sporting events
• Paris Marathon finisher, April 2017.
• Alpes Maritimes Marathon finisher, November 2017.

Interests

Professional	UX/UI, Artificial Intelligence, Data Science.
Personal	Playing the guitar (8 years) and the saxophone (8 years).

References

Dr. M. Schinz (EPFL) - Prof. A. Davison (EPFL) - Prof. D. Marinov (UIUC) - Prof. K. Argyraki (EPFL) - M. Laurent Cimolino (Amadeus)
All the recommendation letters are available at patricia.galhardo@epfl.ch

March 15, 2018