

+41 78 870 53 75
vincent.ballet@epfl.ch
in/vincentballet

VINCENT BALLETT

COMPUTER SCIENCE ENGINEER



EDUCATION

École Polytechnique Fédérale de Lausanne (EPFL)

Master in Computer Science, Minor in Management and Entrepreneurship.
Bachelor in Computer Science.

Lausanne, Switzerland
09.2013 - 06.2019

University of Illinois at Urbana-Champaign (UIUC)

Exchange Program in Computer Science.

Champaign IL, USA
08.2015 - 06.2016

Lycée Massena

High school diploma with highest honors.

Nice, France
09.2010 - 06.2013

EXPERIENCE

Gencores - Harvard Innovation Lab

Development of a recommender system using sales, geographical and customers data.

Boston MA, USA
06.2018 - 09.2018

Junior Entreprise EPFL

Head of the IT Department & Project Manager in a team of 34 volunteer students managing more than 170 projects annually with a turnover of 375 k€.

Lausanne, Switzerland
02.2017 - 06.2018

Amadeus

Building new forecast models for plane tickets bookings.
Prototype development.

Sophia Antipolis, France
06.2016 - 12.2016

École Polytechnique Fédérale de Lausanne (EPFL)

Teaching Assistant in different courses.
Helping students get a better grasp of the material. Grading exams.

Lausanne, Switzerland
02.2015 - 06.2018

PROJECTS

Steganographic system using ML (EPFL, MLO Lab)

The goal of the project is extend the design a steganographic system that enables two users to exchange encrypted messages without an adversary detecting that such an exchange is taking place. We use a new linguistic stegosystem based on a Long ShortTerm Memory (LSTM) neural network.

Lausanne, Switzerland
09.2017 - 02.2018

Road Segmentation using ML (EPFL)

The goal of the project is to perform segmentation of pixels from satellite images into roads or what we call background, representing anything but roads. We develop of a convolutional neural network inspired from state-of-the-art biomedical image segmentation U-Net.

Lausanne, Switzerland
09.2017 - 02.2018

Mobile applications development

Development of two iOS apps during extra time.

Champaign IL, USA
08.2015 - 06.2016

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, 2017.
- Alpes Maritimes Marathon finisher, 2017.

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 on demand