

VINCENT BALLE

COMPUTER SCIENCE ENGINEER

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After an amazing chapter as an entrepreneur, I am looking for my next stimulating professional experience as a product manager / product owner in an ambitious start-up with strong impact.

EXPERIENCE

FODA

Mobile app featuring AI powered recommender system for bars and restaurants.
Reached 3500+ users with a 30% retention at 30 days, in 18 months.

Paris, France
10.2018 - 09.2020

Co-founder and Chief Design Officer

- Decision making role in business and product strategic analysis and choices.
- Designed the brand, the UI/UX of the website and mobile apps, pitch-decks.
- Supervised and produced a video ads campaign for social media (CAC of 1.75€).
- Developed Android and iOS apps from scratch. Excellent rating (4.8/5).

AXA - REV/Research

AXA Research team carrying out research on the relationship between humans and AI.

Paris, France
02.2019 - 09.2019

Adversarial Machine Learning research intern

- Proposed a definition of adversarial examples in the context of tabular data.
- Created LowProFool, an algorithm to craft tabular adversarial examples.
- Published a paper (first author) at NeurIPS 2019 workshop. <https://arxiv.org/abs/1911.03274>.

GENCORES

3D-Printing startup focusing on innovative materials.

Boston MA, USA
06.2018 - 10.2018

Data scientist, founding team

- Developed a computer interface for the printer (backend, frontend).
- Generated surfboard shapes using generative adversarial networks.

JUNIOR ENTERPRISE EPFL

Student organization operating as a consulting firm in the engineering sector. Turnover: 450k€.

Lausanne, Switzerland
02.2017 - 06.2018

Project Manager and Head of the IT Department

- Managed 10 projects generating CHF20k+, outsourcing clients' needs with students' skills, negotiating with clients, recruiting students and tracking the project with quality control of the deliverables.
- Provided IT expertise on more than 50 projects of my peers.

AMADEUS

Leading travel technology company

Sophia Antipolis, France
06.2016 - 12.2016

Software development intern

- Built live-data forecast models to setup the right price in the market that optimize airline revenue.
- Developed a prototype (python) to evaluate the impact on the system reactivity.

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)

Teaching assistant, various courses

- Prepared and supervised exercise sessions for the students to get a better grasp of the concepts.
- Graded exams and homework.

Lausanne, Switzerland
02.2015 - 06.2018

EDUCATION

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)

- Master in Computer Science. Specialization in Data Science.
- Minor in Management and Entrepreneurship.
- Bachelor in Computer Science.

Lausanne, Switzerland
09.2013 - 02.2019

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (UIUC)

- Exchange Program in Computer Science.

Champaign IL, USA
08.2015 - 06.2016

SKILLS

Programming Languages Python, Swift, Kotlin, Java, C/C++, Objective-C, Scala, HTML/CSS/JS.
Bilingual in french and english, german basis.

AWARDS AND ACHIEVEMENTS

- Best European Junior Enterprise, 2018. Best Swiss Junior Enterprise, 2017.
- Paris Marathon finisher, 2017. Alpes Maritimes Marathon finisher, 2017.

REFERENCES

Dr. Detyniecki (AXA) - Dr. Thiery (Gencores) - Pr. Davison (EPFL) - Pr. Marinov (UIUC) - Pr. Argyraki (EPFL) - M. Cimolino (Amadeus)