VINCENT BALLET
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

FŌDA
Paris, France
10.2018 - 09.2020

Mobile app featuring AI powered recommender system for bars and restaurants.
Reached 3500+ users with a 30% retention at 30 days, in 18 months.
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€).
- Developped Android and iOS apps from scratch. Excellent rating (4.8/5).

AXA - REV/Research
Paris, France
02.2019 - 09.2019

AXA Research team carrying out research on the relationship between humans and AI.
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
Boston MA, USA
06.2018 - 10.2018

3D-Printing startup focusing on innovative materials.
Data scientist, founding team
- Developed a computer interface for the printer (backend, frontend).
- Generated surfboard shapes using generative adversarial networks.

JUNIOR ENTERPRISE EPFL
Lausanne, Switzerland
02.2017 - 06.2018

Student organization operating as a consulting firm in the engineering sector. Turnover: 450k€.
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
Sophia Antipolis, France
06.2016 - 12.2016

Leading travel technology company
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)
Lausanne, Switzerland
02.2015 - 06.2018

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

EDUCATION

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)
Lausanne, Switzerland
09.2013 - 02.2019

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

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (UIUC)
Champaign IL, USA
08.2015 - 06.2016

- Exchange Program in Computer Science.

SKILLS

Programming	Python, Swift, Kotlin, Java, C/C++, Objective-C, Scala, HTML/CSS/JS.
Languages	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)
All the recommendation letters are available on demand.