

Vincent Ballet

COMPUTER ENGINEERING STUDENT

6 av. Ernestine, 06300 Nice, France

☎ +33 6 28 56 31 71 | ✉ vincent.ballet@me.com | 🏠 www.vincentballet.com | 🌐 vincentballet

Education

2017 - 2019 | Masters in Computer Engineering | Minor in Management, Technology and Entrepreneurship

SWISS FEDERAL INSTITUTE OF TECHNOLOGY



Main topics : Mobile Networks, Distributed Information Systems, Information Security and Privacy

Minor : Business Design for IT Services, Logistics and Demand Analysis, Leading and Managing in a global context

2015 - 2016 | Exchange Program

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Main topics : Computer Security, Software Engineering, Stochastic Processes & Applic, Digital System Processing, Digital Communications.

2013 - 2016 | Bachelor in Computer Engineering

SWISS FEDERAL INSTITUTE OF TECHNOLOGY



Main topics : Computer Networks, Theory of Computation, Object-oriented Programming, Functional Programming, Algorithms, Probability and Statistics, Electronics, Signals and Systems, Concurrency and Computer Architecture.

Experience

2016 - 2016 | Internship

AMADEUS IT GROUP



In the old system, the estimation of the forecast parameters and the forecast itself were based only on past data. This model lacked of reactivity to adjust it self in case of unforeseen future demand spike or drop. The aim of the internship was to introduce live data in the theoretical model, for both the estimation and the forecasting

2015, 2017 | Teaching Assistant

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Homework debugging, grading. Helping students get a solid grasp of the material.

Projects & Involvement

Model ASEM	Political simulation of the Asia-Europe Meeting (ASEM) Summit.
Aim (iOS)	ToDo style app to make resolution and keep them.
MyTracks (iOS)	Nearby running competitions finder.

Skills

Programming	Java, C/C++, Objective-C, Scala, Python, LaTeX.
Languages	Bilingual in french and english.
Social	Leadership, autonomy, adaptivity, interaction and communication. Sense of results and organisation.

Interests

Professional	Computer security, computer networks, UX/UI, software design, systems analysis.
Personal	Chess, Graphic design, playing the guitar, riding, running, swimming, scuba diving.

References

Dr. Michel Schinz (Practice of Object-Oriented Programming)
Prof. Babak Falsafi (Computer Architecture, Concurrency)
Prof. Anthony Davison (Probability and Statistics)

Prof. Darko Marinov (Software Engineering)
Prof. Katerina Argyraki (Computer Networks)

All the recommendation letters are available at patricia.galhardo@epfl.ch.