

# Vincent Ballet

COMPUTER ENGINEER STUDENT

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## Education

### Ecole Polytechnique Fédérale de Lausanne

Lausanne, Switzerland

Sept. 2013 - July 2016

#### BACHELOR IN COMPUTER SCIENCE AND ENGINEERING

*Coursework* : Computer Networks, Functional Programming, Theory of Computation, Object-oriented Programming, Algorithms, Probability and Statistics, Information Sciences, Analysis, Physics, « Information, computation, communication », Digital system design, Electronics, Signals and Systems, Concurrency and Computer Architecture.

### University of Illinois at Urbana-Champaign

Urbana-Champaign - IL, USA

Aug. 2015 - May 2016

#### EXCHANGE PROGRAM

*Coursework* : Computer Security I, Computer Security II, Software Engineering I, Stochastic Processes & Applic, Digital System Processing, Digital Communications, Intro to Abstract Algebra and Microeconomics Principles.

## Experience

### Ecole Polytechnique Fédérale de Lausanne

Lausanne, Switzerland

Feb. 2014 - June 2015

#### TEACHING ASSISTANT - COM-101 INFORMATION SCIENCES

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

### Amadeus IT Group

Nice, France

June 2016 - Present

#### INTERN - ACTIVE FORECASTING IN ALTÉA NETWORK REVENUE MANAGEMENT SYSTEM

Working on introducing live data, in addition to existing past data, from flights not departed yet into the theoretical model to improve for both the estimation and the forecasting.

## Skills

<b>Programming</b>	Java , C/C++, Objective-C, Scala, Python, HTML/CSS, JavaScript, LaTeX.
<b>Technologies</b>	Eclipse, Xcode, Quartus, Wireshark, Git, SVN, Office.
<b>Languages</b>	Bilingual in french and english.
<b>Social</b>	Leadership, adaptivity, interaction and communication.

## Interests

<b>Professional</b>	Computer security, computer networks, UX/UI, software design, systems analysis.
<b>Personal</b>	Graphic design, playing the guitar, riding, running, swimming.

## 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.