

# Europass Curriculum Vitae



## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

## Gamboni Maxime

Secção de Lógica e Computação, Departamento de Matemática, Instituto Superior Técnico, Av. Rovisco Pais, 1049-001, Lisboa, Portugal

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maxime.gamboni@a3.epfl.ch

Swiss, Finnish

March 21<sup>st</sup>, 1981

Male

## Education

Dates

Principal subjects

Courses completed so far

Providing Organisation

Autumn 2005-Autumn 2009

PhD in Mathematics (Behavioural Type Systems for Mobile Calculi)

Algebra II, Commutative Algebra, Modal Logic, Theory of Computability

Instituto Superior Técnico, Math Department (UTL/IST Lisbon, Portugal)

Dates

Principal subjects

Providing Organisation

Spring 2004 and Spring 2005

As a continuation of my diploma project, a study of determinism and side effects in  $\pi$  calculus

Instituto Superior Técnico, Math Department (UTL/IST Lisbon, Portugal)

Dates

Principal subjects

Providing Organisation

Winter 2003-2004

Formal comparison of TyCO and  $\pi$ -calculus (Diploma Project)

Exchange program between EPFL and Indian Institute of Technology, Madras

Dates

Title of qualification awarded

Providing Organisation

1999-2004

Computer Science Engineering Diploma (Master's Degree)

Swiss Federal Institute of Technology Lausanne (EPFL, Switzerland)

Dates

Title of qualification awarded

Providing Organisation

1996-1999

Baccalaureate ès Science

Gymnase de Burier (Switzerland)

## Work experience

Dates

Occupation or position held

Name and address of employer

Spring 2009

Member of DisCoTec'09 Organising Committee

Instituto de Telecomunicações

Dates

Main activities and responsibilities

Summer 2003, December 2004, July 2005

Development of a publishing system for "intelligent" websites (Algorithms and data structure design)

Name and address of employer	Glassbox Software Development, Surathkal, India (NITK)
Dates	Winter 2002-2003
Occupation or position held	Assistant of Pr. Odersky for the Compilation course
Name and address of employer	EPFL Lausanne, Switzerland
Dates	September 2002
Main activities and responsibilities	Development of a search engine (UML and XML design, Algorithmic)
Name and address of employer	Pregnant Web, Surathkal, India (KREC)
Dates	Summer 2002
Occupation or position held	Assistant of Pr. Odersky for Functional and Logic Programming (Scala, Lisp, Prolog)
Name and address of employer	EPFL Lausanne, Switzerland
Dates	Winter 2001-2002, Winter 2002-2003
Occupation or position held	Assistant of Pr. Zahnd for Automata & Calculability I
Name and address of employer	EPFL Lausanne, Switzerland
Dates	Winter 2001-2002
Occupation or position held	Assistant of Pr. Guerraoui for Object-Oriented Programming (Smalltalk and Java)
Name and address of employer	EPFL Lausanne, Switzerland
Dates	July-September 2000
Main activities and responsibilities	Design of a search engine (Distributed algorithmic)
Name and address of employer	Glassbox, Paris, France
Dates	Winter 2000-2001
Occupation or position held	Assistant of Professor Strohmeier for the Programming I and II courses (Ada)
Name and address of employer	EPFL Lausanne, Switzerland

### Personal skills and competences

Mother tongue(s)	<b>French, Finnish</b>
Other languages	English, Portuguese (fluent), Hindi, Malayalam, German, Tamil (conversation)
Computer competences	Programming (C, Java, Lisp, Prolog, . . . ), Unix System and Network Administration
Artistic skills and competences	Music (15 years of piano lessons), Writing stories (11 short stories and one novel), Acting (between 1999 and 2002, member of the EPFL theatre company, "les Polyssons")
Other competences	Took part into FFJM's international mathematic game championships each year between 1993 and 2000 - finalist six times

### Projects and Publications

- Maxime Gamboni and António Ravara.  
Activeness and responsiveness in mobile processes.  
In *7th Conference on Telecommunications*, pages 429–432. Instituto de Telecomunicações, 2009
- Maxime Gamboni and António Ravara.  
Deterministic responsiveness and closeness in  $\pi$ -calculus.  
Technical report, SQIG | IT and IST, Technical University of Lisbon, Portugal, 2006.  
<http://gamboni.org/files/determ.pdf>
- Maxime Gamboni, Uwe Nestmann, and António Ravara.  
What is TyCO, after all?  
Master's thesis, École Polytechnique Fédérale de Lausanne, 2004