

# Europass Curriculum Vitae



## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

## Gamboni Maxime

Avenue Menthon 17, 1005 Lausanne, Switzerland

+41 21 921 55 01

maxime@gamboni.org

Swiss, Finnish

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

## Education

Dates

Title of qualification awarded

Principal subjects

Providing Organisation

Autumn 2005-August 2010

PhD in Mathematics (Behavioural Type Systems for Mobile Calculi)

Algebra II, Commutative Algebra, Modal Logic, Calculability Theory

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

Title of qualification awarded

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

Autumn 2010, ongoing

Senior Consultant, Software

Elca Informatique, Switzerland

Dates

Occupation or position held

Name and address of employer

Spring 2009

Member of DisCoTec'09 Organising Committee

Instituto de Telecomunicações, Portugal

Dates

Main activities and responsibilities

Name and address of employer

Summer 2003, December 2004, July 2005

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

Glassbox Software Development, Surathkal, India (NITK)

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-Winter 2002-2003
Occupation or position held	Assistant of Pr. Odersky for Programming (Scala, Lisp, Prolog) and Compilation
Name and address of employer	EPFL Lausanne, Switzerland
Dates	Spring 2002
Occupation or position held	Design and implementation of the electronic ticketing system "FreeSeat"
Name and address of employer	Atelier Lyrique Cantares
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 Pr. Strohmeier for Programming I and II (Ada)
Name and address of employer	EPFL Lausanne, Switzerland

### Personal skills and competences

Mother tongue(s)

Other languages

Computer competences

Artistic skills and competences

Other competences

### Projects and Publications

#### French, Finnish

English, Portuguese (fluent), German, Hindi, Malayalam, Tamil (conversation)

Programming(C, C++, Java, Lisp, OCaml, PHP, Prolog, Python, . . .), Unix System and Network Administration, Database administration/programming (MySQL)

Music (15 years of piano lessons), Creative Writing, Acting (between 1999 and 2002, member of the EPFL theatre company, "les Polyssons")

Took part into FFJM's international mathematic game championships each year between 1993 and 2000 - finalist six times

Maxime Gamboni.

*Statically Proving Behavioural Properties in the  $\pi$ -calculus via Dependency Analysis.*

PhD thesis, Universidade Técnica de Lisboa, Instituto Superior Técnico, 2010

Maxime Gamboni and António Ravara.

Responsive choice in mobile processes.

In *Trustworthy Global Computing*, volume 6084 of LNCS, pages 135–152. Springer, Heidelberg, 2010

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, Uwe Nestmann, and António Ravara.

What is TyCO, after all?

Master's thesis, École Polytechnique Fédérale de Lausanne, 2004