

Christophe Berger

Single, French nationality
christophe@berger.cx

F-94400 Vitry-sur-Seine, France

Education

2007 - 2008 **Université Pierre et Marie Curie - Paris 6 / Telecom Paris (ENST)**
Master of Science in Information Technology and Networks

2001 - 2007 **EPITA, Paris, France** (School for computer sciences and advanced techniques)
Master of Science in computer science and engineering (5-year degree)
Major in Scientific Computing and Image processing. Graduated with highest honors

2005 - 2006 **University of Applied Sciences, Cologne, Germany**
(5 months) Semester under the ERASMUS european exchange program.

Professional experience

Security consultant, Devoteam, Paris, France — since october 2008

IT security audit, application penetration testing, static code audit and ISO/IEC 27001 compliance audit
Identity and access management consulting and project integration.

Intern, Université Pierre et Marie Curie - LIP6 and Gendarmerie Nationale — march to september 2008

Measurement of peer to peer activity against paedophile content
Development in C/C++ and python. eDonkey protocol.

R&D Engineer, Université Pierre et Marie Curie - LIP6 — 2007-2008

Wireless and Mobility: Mobile and embedded development on Symbian platforms (C++/Python)

Student researcher, Parrallell research activities — 2005 - 2006

EPITA Research and development laboratory (LRDE), Paris, France.
Object oriented software design: development of a generic C++ image processing library.
Research on image connected filters to remove unwanted objects in astronomical images.

Teaching assistant in EPITA— 2006

Courses on the C and C++ languages to first year students. Including preparation, review and grading of projects.

President of EPITA's robotics association — 2005

Association Evolutek, Villejuif, France.
Team and budget management.
Development of an autonomous robot for the french robotics cup.

System and Network administrator — 2004-2006

Netbios, Bobigny, France.
Study and set up of network architecture. Administration of GNU/Linux and MS Windows servers. User support.

Skills

Security: Certified ISO/IEC 27001 Lead Auditor
 Compliance audits, security audit and penetration testing

Programming languages: Advanced knowledge in C and C++, solid knowledge in Java, Python, perl, PHP, SQL.

Systems/Network: Apple Mac OS X, GNU/Linux and Microsoft Windows administration
 HTTP, DNS, firewall, supervision

Image processing: Mathematical morphology, filtering techniques.

Languages

English	Fluent.
German	Fluent, 5 months study in Germany.
French	Mother tongue.

Publications

«Daily Walks in Paris: A Practical Analysis of Wi-Fi Access Points»,

Guillaume Valadon, Florian Le Goff and Christophe Berger.

Proceedings of 3rd International Conference on Emerging Networking Experiments and Technologies (CoNEXT),
Student Workshop.

New York, New York, USA, Dec. 10-13, 2007.

«Effective Component Tree Computation with Application to Pattern Recognition in Astronomical Imaging»

Christophe Berger, Thierry Géraud, Roland Levillain, and Nicolas Widynski.

Proceedings of the IEEE International Conference on Image Processing.

San Antonio, Texas, USA, Sept. 16-19, 2007.

«Algorithme de calcul de l'arbre des composantes avec applications à la reconnaissance des formes en imagerie
satellitaire»

Anthony Baillard, Christophe Berger, Emmanuel Bertin, Thierry Géraud, Roland Levillain and Nicolas Widynski.

Proceedings of the 21st Symposium on Signal and Image Processing (GRETSI).

Troyes, France, Sept. 11-14, 2007.

«Social Mobile Music Navigation Using The Compass»

Atau Tanaka, Guillaume Valadon and Christophe Berger.

Proceedings of the 4th International Mobile Music Workshop, 34-37.

Amsterdam, The Netherlands, May 6-8, 2007.

Miscellaneous

Ski, Sailing (catamaran)

Photography

Driving license

French river and coastal boat driving license