

Samuel PASQUIER

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U.S.A.

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Software Engineer

Have dual citizenship in
both France and US

EDUCATION:

- | | |
|-----------|---|
| 1999-2003 | Computer Science Engineering School: EPITA : www.epita.fr . Paris
(Third year university degree). Specialization in Cognitive Science and Advanced Algorithms |
| 1999 | High School - Baccalauréat Série S , French equivalent of GCE A Levels with specialization in Mathematics. |

WORK EXPERIENCE:

Development

- **Since September 2004**: Software Engineer for Cisco Systems, Inc in San Jose (California) – www.cisco.com
 - Kernel development in C in IOS for the Cisco 6500. High Availability Team.
- **January - August 2004**: Engineer for SG (*Société générale*) Corporate Investment Banking in New York – www.sgcib.com
 - C++/Unix development, trading monitoring tools for the equity market room.
- **May - December 2002**: Engineer probationer in the Epita Systems and Security Labs in Paris – www.lse.epita.fr
 - Kernel Modules Development under FreeBSD (Nat) in language C.
 - Security Contest creation and organization in EPITA
- **June – September 2001**: Founder and Technical Responsible of E-free.fr in Châteaudun.
 - C++ Programming (Visual Studio), development of a tool to update automatically e-commerce websites. (MFC and ODBC).
 - E-commerce websites programming in ASP

Teaching Experience

- **Network Security: (network and UNIX security)**
 - **July 2003**: created curriculum and presented a 9 day course for Itin (www.itin.fr) in Cergy Pontoise. (19 people). (*oriented on C programming*)
 - **February 2003**: created curriculum and presented a 15 day course for Itin (www.itin.fr) in Cergy Pontoise. (20 people).
- **UNIX Administration: (User Management, Network Configuration, apache, proftpd, samba...)**
 - **June 2003**: Two days conference for the Algerian Remote Transmission (TDA) in Algiers, (60 people). My employer was INA (www.ina.fr).
 - **Year 2003**: Several specific day courses for Algorithmics in Paris.
 - **December 2002**: 5 day course for CESI (www.cesi.fr) in Bagneux.
- **C++:**
 - **January 2003**: created curriculum and presented a 5 day course for Algorithmics in Paris. (15 people).
- **C And Shell Script Programming:**
 - **Autumn 2002 and 2003**: Teacher assistant for the engineer school EPITA (www.epita.fr) in Paris.

Consulting

- **January – February 2003**: Intrusion and Hacking Tests for the group Devanlay (Mark Lacoste) (International Network) → *Rhapsodis – Paris*.

Administration

- **January 2000 – July 2002**: Windows 2000 Administrator. (www, ftp, mail, databases) → *E-free.fr – Châteaudun*.

SKILLS:

Operating Systems	GNU/Linux, Systems BSD (OpenBSD), Solaris, Windows server and Workstation
Languages	C++, C, Shell script, Perl, Java, ASP, PHP, SQL, UML, HTML, XML/XSLT.
Network	TCP/IP, OSI, Nat, VPN, Firewall
Databases	MySQL, SQL Server
Advanced Algorithms	Business Rules, Simulated Annealing, Data Mining, Constraint Programming, Multi Agent Systems, Grid Computing.
Tools	Flex, Bison, gdb, Autotools, cvs, Doxygen, Security tools, Word, Excel, Visio, Power Point.
Systems Administration	Unix Administration, apache, samba, Wireless Networks...

LANGUAGES:

French	Mother tongue
English	Fluent (Written and Spoken)

INTERESTS:

Hobbies	Computer science, Unix administration, co-owner and administrator of the server www.happycoders.org .
Sports	Rugby, Roller, Trekking, Skydiving (USPA licence A).