

PAUL GUERMONPREZ

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OBJECTIVE

A challenging position in the field of new technologies that would best utilize expertise in the computer software and hardware environment. This position should have opportunities for an experienced, dedicated individual with the communication and leadership abilities needed to manage projects and collaborators.

SKILLS

Software Development :

Java developer since 1998, full time developer for 8 years. From Java for cell phones and smart cards (J2ME) to Java for application servers (J2EE). Advanced software modelisation with MVC and highly interactive user interfaces for biotechnology research.

Extensive experience of various LAMP web frameworks, semantic web and cloud technologies used to develop very large scientific applications. Fine knowledge of different cloud computing frameworks, and contributor of the Cloud Builder initiative @Intel for the Ubuntu Enterprise Cloud project.

Software Optimization and Parallelization :

Software optimization, parallelization and profiling for Intel Architecture.

Several successful high profile projects @Intel for the top European telcos (Alcatel, Ericsson), medical (GE Medical) and scientific (Accelrys, Perkin Elmer) software vendors.

Installation, teaching and consulting on Intel based clusters all over Europe, Middle East and Africa for top 5 pharmaceutical companies and leading universities.

System Administration :

System administrator in production for 8 years (clients, HPC and Web Linux servers, SPARC-Solaris Sunray and Windows Terminal Services thin client servers).

Development of dual usage linux thin clients/HPC nodes. Daily usage of Linux for 12 years, including for home usages (DVR, home automation).

Communication and Writing Skills :

Valorization of technical work as an Application Engineer with external companies : presentations and demonstrations at IDF, Sun Tech Days, CeBIT, top universities, articles in the french technical press. Inauguration with Intel Chairman of the Board Craig Barrett of an HPC Center in South Africa.

Trainer for multiple Intel HPC courses, creator of the "Do it yourself HPC for Bioinformatics with OSCAR toolkit" and "Parallel Programming for cloud architectures in Java" courses.

Extracurricular interests and activities :

Internet Society "ISOC" France Secretary General : study of tech trends and laws at the French and European Level (HADOPI, LOPSI2, EU Telecom Package), writing analysis and recommendations (itw for France Inter, quotes in Le Point, l'Expansion, NouvelObs, Libération/Ecrans and most of the NT related press).

Organization of information meetings at Assemblée Nationale and speaker at Bruxelles Parliament events. Creation of the "Création Public Internet" platform with "UFC Que Choisir" and top level artists to propose legislative alternatives.

Good knowledge of the internet, tech and telco ecosystem.

Working environment :

Used to working at the interface of different fields (biotech, software, hardware, marketing, politics) and in a multicultural and international environment.

Strong interest in challenging projects. Familiar with both a scientific and industrial environments.

WORK HISTORY

Intel

Paris, France

Software engineer, in charge of optimization and parallelization of various softwares. From HPC clusters to embedded. Collaborations with both top level ISVs and academia all over EMEA, with a focus on telco, health, and pharma.

Senior software engineer - Intel Software EMEA

March 2006–Present

IntegraGen SA

Evry, Essonne

Data manager, software developer and IT security manager. In charge of developing all data management systems for pedigree, DNA, complex sample management, clones, DNA chips (production, analysis, marketing). Various BioInformatics projects.

Data Manager and IT Security Manager

September 2001–February 2006

Nautilus Biotech SA

Evry, Essonne

Managed the conception and deployment of a complete IT system for the starting company, then developed data management solution in mutagenesis study. Various BioInformatics projects.

Data Manager and IT Manager

November 1999–August 2001

Genethon

Evry, Essonne

Training then full time : Developing a software in Java 1.1 to study and represent gene therapy vectors.

Software developer

July 1998–August 1999

Institut Pasteur

Paris

Unit of Biology of Immune Regulations, (directed by Pr Leclerc). Studying *Bordetella pertussis* adenylate cyclase toxin effects on endocytic mechanism : basic biological skills, FACS (*Flow Cytometry*), human dendritic cell culture. (*Training period, part time with university work.*)

Training period - Biology

January 1999–May 1999

LANGUAGES AND INTERESTS

French : mother tongue.

English : fluent, daily use in professional environment.

Spanish : conversational.

Interests : Cinema, Music (*Jazz, Falmenco, Classical, TripHop, Electronica, Rock Classics ...*), sailing (*French Federation Instructor, HobbieCat 16, FirstClass 8*), diving (*CMAS 3* + initiateur, PADI Adv Open Water*), paraglide, skiing, trekking, photography.

Blog and photos : blog.paul.guermonprez.eu and photos.paul.guermonprez.eu

Associations : ISOC France Secretary General 2008-2009 (Internet Society). Reports "Loi Internet et Création : Le Boomerang Législatif", "LOPPSI : Violences sur Internet - Guide pratique", various public manifestations. Member of APRIL and AFUL (free software).

Politics : "Mouvement Démocrate" (ADLE EU Group), candidate in 2008 for the Paris Municipal Elections (5th arr, 14.33%).

EDUCATION

Université de Rouen

Rouen, Normandie

Studying part time chimio-informatic for post-genomics. Not finished.

Master of Science In BioInformatics

September 2005–June 2007

Genethon

Evry, Essonne

Training period, part time with university work.

Training period - BioInformatics

July 1998–June 1999

Universite Pierre et Marie Curie - Paris VI

Paris

Studying Cellular Biology, Animal Biology and Physiology.

DEUG (*Two-year university degree in science*) Biochemistry and Chemistry in 1998. Preparing Licence.

Studying Cellular Biology and Animal Physiology

September 1997–July 1999

Hopital Broussais Hotel-Dieu - Paris VI

Paris

Preparing medecine competitive examination (*PCEM1 : 12/20*).

Preparing medecine examination

September 1995–July 1997