Nicolas (尼古拉) Pontoizeau
French - Single - Driving-licence

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Software Engineer seeking position in Asia

Professional Experience

2005 - 2006 Until October	**Steria (France) for Orange - Software engineer** *Developed a java based webservice for the DRACCO project (Données Référentielles et Agrégation du Contexte Client Orange). The software allows finding and managing different accounts or plans of a particular customer.*
2002 - 2004	**Acadomia (France) - Private tuition in Mathematics** *Tutored two pupils for two years for a leading French home school support company.*
2002 August	**Credit Agricole (France) - Clerk** *Assumed the task of counter clerk and customer receptionist in a major French bank.*
2001 July - August	**ARKEMA ex ATOFINA (France - Factory of "Mont") - Maintenance agent** *Assisted the network administrator, phone user support and repairing user's computers in a 700 machines park.*

Education

2000 - 2005	**Degree of a French Engineering school with a five-year curriculum (MSc equivalent).** *EFREI (Paris) - A leading French Engineering school in Information Technology and Management.*
2004 - 2005 June - May	**International Student Exchange Program.** *NTU - Nanyang Technological University school of Computer Engineering.*
2002 Oct - Dec	**International Business Communication Exchange Program.** *London University (Birkbeck College).*
2000	**National French "baccalauréat", Sciences (3 "A levels" equivalent).** *Lycée Fébus (France).*

Languages

French	Native.
English	Fluent.
Spanish	Intermediate.
Mandarin	Conversational and writing abilities (3 years study).

Extra-curricular Activities

Cultural Trips	Traveled extensively in Asia (Hong Kong, China, Japan, Malaysia...), USA and Western Europe.
Oenology	Secretary of a Wine Appreciation Club : Millesime.
Hobbies	Free Software (GNU/Linux Debian, LaTeX...), Half-Marathon runner, Karate, Mind-Teaser games, Chess.

IT Projects

2006 May - October	**DRACCO G2R1 - Data Migration and upgrading existing applications** Aggregation of new inputs streams "SIVM" (Internet customers), "HVME" (Highly valued customers) and "Frégate" (Home phone customers) after the fusion between the companies : Orange, Wanadoo and France Télécom. Involved in workshops with the client, writing of meeting reports and technical specifications. Accomplished data migration first before upgrading DRACCO G2R0 according to the new physical data model. Supported DRACCO G2RO during testing campaign for official acceptance. *PowerAMC Designer, Toad, Oracle 9i, sqlldr, ksh, awk, Eclipse 3, CVS*
2006 August	**Reconstructor - customization of Ubuntu Linux Live CD** Involved in an open-source project gathering developers from different countries. In charge of the French translation of the user manual, integration of the Asian input method and a software based on asymmetric (public keys) cryptography. *Python, Pygtk, Ubuntu 6.06, mkisofs*
2006 December - May	**DRACCO G2R0 - Webservices EJB Java/J2EE** The aim of this project is to provide a front-end to a search engine (RMC). It allows to view customers who subscribed to different Orange's offers as a unique client. Development was in Java 1.4 and had to meet tight performance criteria while supporting high availability and massive scalability : more than 1 To of data, 10 seconds maximum reply delay, 30 000 requests per hour. In charge of benchmark, installation procedure and a message simulator that used Excel as front-end and Java as parser. *Eclipse 3, CVS, Jonas 3.3, Ant, EJB, UML, Design Pattern, ksh, Oracle 9i, Toad, WSDL, XML RPC/literal encoded, Axis, SOAP*
2005 May	**XML Technologies** Developed a xml/xslt based resume in order to manage efficiently different languages and file formats. *XML Schema, Xsltproc, Make, Python, Bash, xhtml strict 1.0, Latex (unicode and cjk packages)*
2005 April	**Webservices** Designed a Web-Based Nutritional Food Ordering System *UML, XML, SOAP*
2005 April	**Statistics - Simulation** Study of two types of queueing systems : the single-channel and the multiple-channels queues with the software ARENA. *ARENA Simulations*
2004 December	**Neural Network** Implemented a RBF neural network to approximate the Ackley's function and study the different kernels (Linear, Gaussian...). the project used Meshach, a free library in C optimized for big Matrixes. *C, Meshach (paquet Debian), Gnuplot, Latex*
2004 May - June	**Security - Cryptography** Initiated to set up a multiplatform (Sun Solaris, GNU/Linux, Windows NT) authentication system in the intranet of EFREI. *Mit Kerberos, GNU/Linux (Debian Woody), Apache 1.3*
2003 Nov - April	**3D Simulator** Designed and implemented the mathematical part of a car crash simulator. I worked in association with six other students that assumed the other tasks (network, databases, project management...). *STL/C++, OPEN GL, MS Project, V-Model Development Software*
2003 February	**Cryptography** Implemented a cryptographic software based on (Miracl) a big number library. *C++, Miracl*
2002 Oct - Dec	**Webdesign** Created a W3C compliant website at London University, (Birkbeck College). *PHP, CSS2, XHTML, XML, XSLT*