

Software Engineer

Expert Software Engineer and Architect

Education

- 1999/2004 • Computer Science Engineering School **EPITA** (<http://www.epita.fr>). Paris. **First class honours**
- Thrid year university degree. Specialization in Cognitive Sciences and Advanced Algorithms
- 1999 • High school - Scientific Baccalaureate. French equivalent of GCE A Levels with specialization in Mathematics

Professional Experiences

- At the moment
September 2007
 - **Société Générale**
 - Architecture and C++ development of several modules of real-time warrant management software.
 - Pricingservice : computation of prices matrices needed for interpolation
 - Fairpricer : price interpolation and price spread for market making
 - IRQuoter : rate curve provider
 - ITEC/CTT/TAN/GefSol Domino team (Mr Thomas / Mr Wilmot / Mr Guillet)
- 2006-2007 - 1.5 years
 - **Orange Research & Development**
 - Phone, cell and internet operator
 - Architecture and C++ development of an automatic diagnosis tool for UMTS networks using decision trees and Bayesian networks
 - RESA/NET/REM laboratory (Mr Touchais)
- 2004-2005 - 2 years
 - **Société Générale**
 - Real time software C++ development
 - Evolutions and support of real time market feed reception library (Reuters and SG internal protocols)
 - Re-design the proprietary order sending C++ library
 - Evolutions and support of the console monitoring market access servers
 - Development and support of a market feed checker
 - Study about automatic generation of Java or C# wrappers from C++
 - ITEC/DAI RTMA team (*Real Time Market Access*) (Mr Thomas / Mr Machard)
- 2002-2003 - 6 months
 - **EPITA** and **INSIA**
 - Teacher assistant for engineering students (C, Script Shell and Java programming)
 - Conception and development of network tools and IT Support of the network
- 2001 - 3 months
 - **Equant**
 - Consulting and sale of network solutions for enterprises
 - Engineering service (Mr Nedelec)

Knowledges

- Programming languages • C++, Shell, UML, Java, C#, L^AT_EX
- Tools • Emacs, Visual Studio, CVS, SVN, Rational (Purify, Quantify), Bullseye, Google perftools, Office
- Operating Systems • Linux, Solaris, Windows 2000/XP/7
- Languages • French : mother tongue
- English : read, written and spoken
- Spanish : scholar knowledge

Others

- Driver License
- Founder et treasurer of Happycoders Association (coder team)
- Horse riding, practice of archery, roller skating, skiing and body boarding