

## STUDIES

- June 2006** Master of Science in Software Computing, with Honors. UNIVERSITÉ DE BRETAGNE OCCIDENTALE  
**June 2004** Bachelor of Science in Computer Sciences. UNIVERSITÉ DE BRETAGNE OCCIDENTALE (BREST, FRANCE).

## PROFESSIONAL EXPERIENCES

- February 2007**  
*current* Software Developer at J.P. Morgan.  
**Front Office Developer** *Smalltalk, Risk Management, Derivatives,...*  
 In my three years at J.P. Morgan, I have held two main roles. I started as an infrastructure developer on the risk management application Kapital, written in Smalltalk. I worked mostly around automated testing and continuous integration. I built a new generation of smoke tests for Kapital, developing a framework that allows the tests to be self maintained, while still allowing the developer to control what is tested, if necessary.  
 After two and half years in Infrastructure, I took the big jump into the financial application development world, still on Kapital. For this new role, I relocated from Glasgow to London. I now work, based in London, for the Rates Options trading desk. I work in a role that floats between RAD (scripts and small development with a turn around of less than a day) and more classic application development (turn around greater than 2 days). I enjoy this role as it gives me good exposure to business, but also enough time to learn the business as I go along. Cooperating with people from the tech world and the business world is a great experience, and forces me to always fully understand my work so to explain it to either side.
- October 2006**  
*3 months* Research Engineer at the LESTER CNRS Université de Bretagne Occidentale.  
**Training material and deployment examples for the Morpheus project** *CDFG, Smalltalk, STEP*  
 The Multi-purPose dynamically Reconfigurable Platform for intensive Heterogeneous processing (MORPHEUS project) is an integrated project which addresses innovative solutions for embedded computing based on dynamically reconfigurable platforms and tools. I participated by creating training material for the Data Exchange system used to enable cooperation between the different tools. The aim was to present the different tools involved, and to explain the different technologies and concepts used in the project.
- March 2006**  
*4 months* Intern at TNI Software Brest France.  
**Meta Modeling and Model Transformation** *Eclipse, EMF, ATL, UML2, AADL*
- December 2005**  
*3 months* Research Assistant at the LESTER CNRS Université de Bretagne Occidentale.  
**Code generation for circuits and synthesis processors** *Smalltalk, C, FPGA*
- May 2005**  
*9 weeks* Research Assistant at the LESTER CNRS Université de Bretagne Occidentale.  
**Modeling and Simulating Environment for Systolic Networks.** *Smalltalk, CSP, Occam, SmaCC*
- May 2004**  
*8 weeks* Co-op trainee at the Computing and Networking Services University of Toronto.  
**Graphical map representation of the wireless connections in real time.** *PHP, MySQL, SNMP, MIB*

## ACADEMIC EXPERIENCES

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| Speaker at the ESUG Conference 2009            | Participant in the ESUG SummerTalk 2006.      |
| Speaker at the ESUG Conference 2008            | Student Volunteer at Smalltalk Solutions 2006 |
| Student Volunteer at the ESUG Conference 2006. | Tutor in Computer Sciences at UBO.            |

## ABILITIES

## Programming

*Object* Smalltalk, Java, C++  
*Web* Seaside, PHP, JSP, (X)HTML  
*Shell* Bash, Csh, Ksh, Zsh  
*Debug* GDB  
*Misc.* C, XML, XMI, flex, bison

## Tools

Jira, Confluence, Bamboo

## Project Management

UML, Rational Rose, Eclipse-EMF

## Databases

GemStone/S, PostgreSQL, Oracle, MySQL

## IDE

VisualWorks, Eclipse, Squeak, Pharo

## Miscellaneous

LaTeX, Microsoft Excel, Word, PowerPoint

## LANGUAGES

**French** Bilingual English-French (French father).  
**English** Bilingual English-French (British mother).  
**German** basic notions.

## MISCELLANEOUS

French driving licence obtained December 2000  
 Music : 7 years of piano, 2 years of guitar.  
 Leisure : Sailing, Literature, Manga, Anime, Cinema.

References available on request