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Married
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Software Engineer

Get stuff done and keep it simple

Work Experience

Since 2014 **MOMA** (<https://www.momagroup.com>): Software Engineer

- Design architecture and develop algorithms for computation engines and data analysis
- Profiling and performance optimizations (threads, multiprocesses)
- Unit and non regression testings
- Tools: Python (numpy, pandas, cython), Java, R, Jenkins, Git

2010 – 2014 **FOROIL** (<https://www.foroil.com>): Software Engineer

- Responsible of Quality Management: ISO 9001 Certification
- Manage releases, tests, validations and deliveries in production environment
- Servers and services administration (devops)
- Develop tools to run, analyze results and test for non regressions
- Tools: Python (numpy, django, flask), Javascript (Angular), Jenkins, Subversion, MySQL

2008 – 2010 **Giant Interactive** (<https://www.ztgame.com>): Project Manager

- Coordinator for the launch of Empire of Sports in Shanghai (China) with F4
- Online platform maintenance and development
- Overview of local development for in game content and China requirements
- Manage relationships between Giant and F4 as well as the local team

2007 – 2010 **F4 Group** (<https://www.f4-group.com>): Software engineer

- Development of game web services for Exalight (Racing Online game) and Empire of Sports (Sport Online game)
- Development of login, billing transactions and payment system
- Part of the collaboration with Giant in Shanghai (China) to release Empire of Sports in China
- Tools: Java, Python, Lua, J2EE, Oracle, PostgreSQL, Perforce, Subversion

2005 – 2010 **Netevent Solutions**: Software engineer

- Evolutions and support of online exhibition services (Foire de Paris, Salon de l'Agriculture, ...)
- Development of new modules and services: specifications, design, unit testing, coding and validation
- Database maintenance and optimizations
- Tools: Java, Struts, XML, Oracle, Solaris, Clearcase
- Development methods: eXtreme Programming, UML

- 2004 **Institut Jacques Monod** (<https://www.ijm.fr>): Software developer
- Development of an individual based simulation for bacteria and virus interactions
 - Study of the effect of microscopic behaviours at the macroscopic level
 - Smooth Particule Hydrodynamics
 - Tools: C++, OCaml, Python, Linux, CVS
- 2003 **EPITA** (<https://www.epita.fr>): Assistant professor
- Teaching of C++, OCaml, Java, UML
- 2002 **Phenix Informatique**: Database assistant
- Redesign and cleaning of SQL databases
 - Tools: SQL Server, Access
 - Development method: Merise

Education

- 1999 – 2004 **EPITA** (<https://www.epita.fr>): Computer Science Engineering School
- Third year university degree, graduated with honors
 - Specialization in Cognitive Science and Advanced Algorithms
- 1999 High School – Baccalauréat Série S
- French equivalent of GCE A Levels, specialization in Physics

Skills

- Computer Languages • Python, Go, Java, SQL, Php, Javascript, C++, C, OCaml, R, Lua, Smalltalk
- JEE • Tomcat, Weblogic, Spring, Hibernate, Struts
- Operating Systems • GNU/Linux, *BSD, Windows, macOS
- Methods • UML, Agile, eXtreme Programming, Scrum
- Databases • Oracle (8 and 10), MySQL, PostgreSQL, SQLite, Mongodb
- Tools and software • Ansible, Docker, VMware ESXi, Subversion, Git, Latex
- Languages • French: mother tongue
 • English: fluent (Toeic 2003: 910 points)
 • Chinese: intermediate level (HSK level 5)

Interests & Activities

- Interests • Antiques, journeys
- Activities • Hanging around the gardens of Paris
- Github • <https://github.com/jfyuen>