

Martin Pernollet
10, rue Philippe de Champagne
75013 Paris - France
martin.pernollet@gmail.com
Date of birth : 20 March 1980
Nationality: French

Java Software Engineer
Data analysis & visualization

EXPERIENCE

Nuxeo

Since sept. 2012

Open source Enterprise Content Management platform

- Working on core platform features and clients' projects

Calliandra Networks

2010-2012

Founded a startup delivering a computer networks' documentation software

- Met several prospects to demonstrate the software, refine the business model and the product's roadmap
- Yield research on algorithms able to layout and render hierarchical multigraphs

Jzy3d

Since 2009

Founded an open source Java framework for rendering 3d scientific data

- Initially designed and implemented the framework for porting Matlab's plot3d to Java for MASA Group needs
- Open sourced the framework, supported the developer community, and included external contributions
- Created a developer guide, and released few freelance projects

MASA Group – Homeland Security department

2009-2010

A platform for training operational managers to solve urban emergency situation

- Opened a desktop simulator as a web application (front-end & back-end)
- Participated to two R&D projects (Taranis, Descartes)

MASA Group – Semiconductor department

2005-2009

A statistical process control software improving the yield management of semiconductor factory

- Developed proof of concepts and final applications, collaborating with architects and statisticians

EDUCATION

Helsinki University of Technology

Robotics

2003-2004

Ecole Française d'Electronique et d'Informatique (EFREI)

Software Engineering

2001-2003

Institut Universitaire Technologique de Vélizy

Multimedia

1999-2001

High School Diploma in Economic and Social Sciences

Option: Mathematics

1999

SKILLS

Programming languages Java ***, C++*, Matlab*, ActionScript*, Web (PHP/JS/CSS)*

Tools Ant, Ivy, Maven, Git, Jenkins, Subversion, Eclipse, Netbeans, Visual C++

Libraries Restlet, Jaxb, Hibernate, Gwt, Swing, J2ME, Jogl, JFreeChart, Gephi, Jung...

Database Postgresql & Postgis, MySQL, SQLite, Oracle, Access, ESRI ArcSDE

Algorithms Machine learning & optimization

Graphics Photoshop, OpenGL

Languages French (mother tongue), English (good spoken and written skills - TOEIC 780)

HOBBIES

Software Exploring algorithms and possible new kind of applications

Music Playing and composing music (piano)

Sport Jogging, Swimming

Travels