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| Martin Pernollet  10, rue Philippe de Champagne  75013 Paris - France  [martin.pernollet@gmail.com](mailto:martin.pernollet@gmail.com)  Date of birth : 20 March 1980  Nationality: French | Java Software Engineer  Data analysis & visualization |

# Experience

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| **Nuxeo** | *Since sept. 2012* |
| Open source Enterprise Content Management platform   * Working on core platform features and clients’ projects | |
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| **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 | |
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| **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 | |
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| **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) | |
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| **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

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| 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

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| Programming languages | Java \*\*\*, C++\*, Matlab\*, ActionScript\*, Web (PHP/JS/CSS)\* |
| Tools | Ant, Ivy, Maven, Git, Jenkins, Subversion, Eclipe, 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 |

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

# Hobbies

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| Software | Exploring algorithms and possible new kind of applications |
| Music | Playing and composing music (piano) |
| Sport | Jogging, Swimming |
| Travels |  |