

BorisBaldassari

Software Engineering Expert



contact

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languages

french (native)
english (fluent)

keywords

consultancy
customer satisfaction
software quality
software ethics
development process
tools automation
data mining
open source
data visualisation

Elaborating smart and elegant solutions to complex problems. Setting up concerted, documented and pragmatic processes to implement them. Collecting, processing, and presenting data for a better, factual management. Connecting, integrating, interoperating people and communities. Working together, inclusively and collaboratively, to make a better world.

experience

- 2018– **Crédit Agricole CAGIP** Paris, France
Software Engineering Consultant
- 2015– **Castalia Solutions** Paris, France
Software Engineering Consultant, Owner
Audits, Consulting, Training, Research and Development.
Quality assessment, Tools and methods, Software data mining and visualisation.
- 2011–2014 **SQuORING Technologies** Toulouse, France
Software Quality Officer & Consultant
Consulting, Research and Development for the SQuORE platform, Quality assurance.
Quality models, Quality assurance, Testing, Selenium, Jenkins, OSLC, Perl, Java.
- 2009–2011 **Dellos Consulting** Paris, France
Software Engineering Consultant, Owner
Consulting services on software development methods and tools: customisation, evolutions, maintenance.
IBM Rational tools: Synergy, Change, BuildForge, Team Concert.
- 2008–2009 **IBM Rational Software** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on the IBM Rational toolsuite.
IBM Rational tools: Synergy, Change, BuildForge, Team Concert.
- 2005–2008 **Telelogic Professional Services** Paris, France
Software Engineering Consultant (Professional Services)
Consulting and Training on Telelogic toolsuite.
Telelogic tools: Synergy, Change, ObjectMake.
- 2004–2005 **CELLon France** Le Mans, France
Software Engineer
Selection, deployment and administration of Telelogic Synergy/Change for approx. 150 users worldwide.

education

- 2011–2014 **Doctor of Philosophy (Ph.D.) in Computer Science** Université de Lille – Lille I
Mining Software Engineering Data for Useful Knowledge
This thesis explored how data mining techniques can help in the understanding and improvement of software quality projects.
- 2002–2003 **D.E.A. Computing and Communication Systems** Université Joseph Fourier – Grenoble I
Worked on early metrics retrieval and analysis in UML models.
- 1997–2003 **Engineering degree** Institut National Polytechnique de Grenoble
Computing science, Network, Management.

skills

Development

Perl, Shell, R/RMarkdown, Java, APIs, Duct Tape™.

Software Engineering

Software forges, configuration and change management, build & release, continuous integration, testing and software quality, traceability and reporting over the full development process, heterogeneous systems and networks.

Tools

GitHub, GitLab, Eclipse Way, Atlassian suite, Git, Subversion, CVS, IBM Rational Synergy/Change/BuildForge, Jenkins/Pipelines, Selenium.

projects

Current : Alambic, Eclipse Forge Open Datasets, OW2 Good Governance.

Completed : Maisqual, Crossminer, PolarSys Maturity Assessment.

publications

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|------|---|--|
| 2019 | Eclipse SCAVA: Helping software developers select the right open source components | ICSE 2019 / OSS 2019, May 2019 |
| 2017 | Ethical consequences of software practice | EclipseCon Europe, October 2017 |
| 2016 | Alambic: An Open-Source Platform for Software Engineering Data Management. The Case of Embedded Software Development | International Conference on Software & Systems Engineering and their Applications 2016 |
| 2015 | Open Development data within Eclipse: please help yourself | EclipseCon France 2015 |
| 2014 | Assessing project quality for improvement: the PolarSys Maturity Assessment initiative | EclipseCon Europe 2014 |
| 2014 | Understanding Software Evolution: The Maisqual Ant Data Set | Mining Software Repositories 2014 |
| 2013 | Software Quality: The Eclipse Way and Beyond | EclipseCon France 2013 |
| 2012 | SQuORE: a novel approach to software project assessment | International Conference on Software & Systems Engineering and their Applications 2012 |
| 2007 | Eclipse Process Framework and Telelogic Harmony | Telelogic User Group Conference 2007 |
| 2006 | Doors/Change/Synergy: Traceability from requirements to code | Telelogic User Group Conference 2006 |
| 2004 | Early Metrics for Object Oriented Designs | International Workshop on Testability Assessment, 2004 |

interests

Professional: software development methods and tools, software quality, data analysis & visualisation, ethics, free software.

Personal: playing guitar, chess, reading books, cruising dutch barges, free software and communities, being part of a community.