

Boris Baldassari

Software Engineering Expert



contact

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languages

french (native)
english (fluent)

keywords

software quality
development process
tools automation
quality models
data mining
open source
data visualisation
programming

Helping customers to get the most out of systems and processes is sometimes hard to achieve, although of undeniable necessity. From team meetings to server deployment, from training to audits, a widespread understanding of situations brings a global vision to problems and their solutions.

My professional choices are oriented toward more challenges and knowledge, and aimed at better doing what we can do from what we have. Methods and tools are great challenges, being both mandatory and not well understood by most users in a company. We have to better integrate them for a seamless and intuitive use, by educating users and treating them as our customers.

experience

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

education

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

skills

Social

Customer dedication, Communication, Collaboration, Fluent in French and English (written, spoken).

Programming

Perl, R, Shell, Java, JavaScript, Jenkins Pipelines, Dockerfiles, Docbook, \LaTeX , OSLC.

Software Engineering

Configuration management, Change management, Software quality, Testing, Continuous integration, Tools automation, Build management, Complex development workflows, ALM traceability and reporting (BI & software dashboards), Heterogeneous networked environments (servers administration, cloud, remote access).

Tools

Configuration Management: Git, GitHub, GitLab, Subversion, IBM Rational Synergy & Change, Bugzilla, Jira, Hudson/Jenkins, IBM Rational BuildForge, Docker, Artifactory.

Software Quality: Squore, Kiuwan, PMD, FindBugs, SonarQube.

Visualisation: R, R Markdown, ggplot, htmlwidgets, D3.js, Floatr2, plot.ly.

publications

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	Implementing a Continuous Build & Integration Process with Telelogic Synergy and CruiseControl	Telelogic Synergy Agile Tour 2007
2006	Doors/Change/Synergy: Traceability from requirement to code	Telelogic User Group Conference 2006
2004	Early Metrics for Object Oriented Designs	International Workshop on Testability Assessment, 2004

interests

Professional: software development, software quality, methods and tools, data analysis, data visualisation, open-source.

Personal: playing guitar, chess, juggling, cruising dutch barges, being part of a community.