



# Nicolas Legeay

35 years old (1978 sept. 01)

## QA Engineer

Design, Development and Software and Information Systems  
acceptance Testing

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### Work Experience

<b>Quality Manager - Web and mobile</b>	03/2011 - 06/2014	PMU - DOSI D2I, 75015 Paris
<p>Under the responsibility of the Director of the D2I (<i>Direction Informatique Internet</i>), in an Agile development mode; in charge of elaborating and implementing a test strategy, in order to ensure actual and future products reliability of the PMU for Internet and mobile (<i>WebPhone, Tablet, Xhtml; redesign project for all the applications</i>):</p> <ul style="list-style-type: none"> <li>- Design and development of non-regression automata, multi-OS and cross-browser using <a href="#">Selenium</a> (<i>Selenium2 WebDriver with JBehave, concurrent validation multi-OS and cross-browser [multithreading solution using multiple physical and virtual machines - VMWare]</i>), with JAVA (<i>IDE Eclipse, using JUnit4</i>), and implementation of a permanent validation process,</li> <li>- Conception and development of multiple tools (<i>multiple generators: Credit Cards, RIB, IBAN, unique customer data (nonrandom) [JAVA and JavaScript]; implementation of dedicated "quality" environments to deploy all applications versions (trunk, tags, branches) without impacting development environments [Linux, sh scripts - build, deployment, switch third-party components]; Using a captcha recognition and decoding tool, designed and developed in a personal context; etc.</i>),</li> <li>- Implementation of several Proof Of Concept,</li> <li>- Analysis of the most complex production anomalies, undiagnosed by previous support levels.</li> </ul>		
<b>Quality Manager - Web and media platform</b>	07/2009 - 09/2010	Qobuz, 75011 Paris
<p>In charge of elaborating and implementing a test strategy in an Agile development mode, for the proper functioning of a download and streaming premium content platform and its associated website:</p> <ul style="list-style-type: none"> <li>- Design and development of non-regression automata using <a href="#">Selenium</a> and implementation of a permanent validation process (<i>scenarios written in microsoft .NET C#</i>),</li> <li>- Design and development of multiple automata for various error detection (<i>"listener" for the streaming service; analysis of the hundreds of thousands of the website pages, product descriptions and articles; image recognition with the Intel <a href="#">openCV</a> library; research for dead links and pictures, such as 404, 500, etc. [tools available on the market were unsatisfactory]; etc.</i>),</li> <li>- Load Testing using <a href="#">The Grinder</a>,</li> <li>- Administration of the bug and issue tracking system (<a href="#">JIRA</a>).</li> </ul>		
<b>Assistant Project Manager and Quality Manager</b>	11/2007 - 01/2009	Opéra national de Paris
<p>Within the framework of the up-grading of the ticketing and marketing information system of the National Opera of Paris (management customer relationship Project, <a href="#">European Public Offer n° 06/DCM/115</a>):</p> <ul style="list-style-type: none"> <li>- Analysis of the specific characters of each job within the Opera,</li> <li>- Functional specification validation,</li> <li>- Responsible for the acceptance testing of the project; management and coordination of the testing teams, search for and installation of the appropriate tools (<i>such as the open source <a href="#">TestLink</a>, including modification, function design and customization of the interface</i>), test automation (<i>design, construction and implementation of robots built to simulate human behaviours within a very large scope with <a href="#">Imacros</a> in IE and Firefox for the Box Office and Website interfaces</i>), coordination with the provider in charge of the computerized solution.</li> </ul>		
<b>Testing Supervisor</b>	06/2006 - 08/2007	SYSRAILDATA, 75012 Paris
<p>Design, development and coordination of the execution of the books of the tests relating to new corrective and upgrading softwares releases or about new applications of the railway field.</p> <p>Identification of the scope for testing, data preparation. Practice and control of HP Quality Center. Test automation with QuickTest Professional.</p> <p>International projects needing to have contacts with English, Belgian, German, Swiss, American counterparts.</p>		
<b>Software design and construction</b>	2006	Personal Project
<p>Design and construction of a 3D real time <a href="#">software</a>. This personal project is for self enhancement.</p>		
<b>Sales Administration Supervisor, Salesperson</b>	10/2005 - 05/2006	Société Meublus, 75012 Paris
<p>Management, administration and sales.</p>		
<b>Software design and development project</b>	2005	CNAM Paris
<p>Design and development of a 3D, multiplayer video game on Internet within the constraint of using the API Socket for the network portion.</p> <p>Chose Java language and used jmonkeyengine.</p>		
<b>Developer, Consultant</b>	10/2001 - 08/2003	Société ITN, 75009 Paris
<p>Sector: management, insurance and brokerage software packages editing.</p> <p>Setting-up and managing data bases, practice and become proficient in the procedural, factual and object languages.</p> <p>Development of transactional modules and batch treatments.</p>		

## Personal Information

French nationality, I am single, with no child. I live in Paris.

## Education

Year	Course and domain	Training Details
2004-_____	Engineer (Post Graduate level diploma) in Computer Sciences at the CNAM (Conservatoire national des arts et métiers) through night classes	Units passed: Modelling Optimization Design Algorithms, Data Base Management Systems, Software Design and Development, Software Design and Development project, Networks and Protocols, Artificial Intelligence, Software Test and Validation
2001-2003	BTS (Higher Technician licence) Administrative Data Processing, work-learn cycles (Ecole Claude Bernard, 75005)	Higher Technician Licence in Computer Sciences (BAC+2) Specialization: Computer applications developer
1998-1999	First year DEUG (General University Diploma) in Philosophy (Sorbonne Paris IV)	
1997-1998	Senior Matriculation -ES (Economic/social)	Baccalaureate -ES (Economic/social)

## Computer Skills

General:
Mathematics and statistics, administration and accounting Modelling and object oriented development with UML Multimedia: Basics in audio, image and video compression; graphics; audio and video editing and patching Various software: HP Quality Center / Test Director et QuickTest Professional, TestLink, Selenium, iMacros, WinAutomation, The Grinder, JIRA, GNATS, VMware, Apache JMeter, SoapUI, Microsoft Office, Microsoft CRM, BusinessObjects Web Intelligence, Adobe Photoshop / ImageReady & Illustrator, Flash, Dreamweaver, MailPerformance, JBehave, JUnit, TDD, BDD
Programming languages:
Java, Groovy, BeanShell, C#, C++, C, JavaScript Visual Basic, Prolog generation 4 Languages, type OMNIS and DELPHI
Data Base:
SQL Language, Merise modelling Oracle, DB2, MySQL, Access
Networks / Administration / Systems / Hardware:
Internet / Web Windows (NT,2000 / XP, VISTA, 7, 8) Linux, FreeBSD, Ubuntu MacOS

## Other Skills

### Languages

French
English
German, basics

### Miscellaneous

Drivers Licence, level B
Various sports
Music: drums

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