

# Alexis Paris

Software developer, ML/AI Novice

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CANADA

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35 years old, french, married, 2  
children.



## Professional experiences

Neopixl a Smile group company (sept. 2015 - dec. 2016)

June 2016 - **Mobile developer.**

Sept. 2016 Development of an Android application for tablets for Total ACS.  
Manage new commands directly on races et support of offline mode.  
*Android, CouchDB(couchbase-lite android), Git, Sourcetree, Android studio.*

Since dec. 2015 **Frontend developer.**

Development of the web application Living In Place for Tarkett.  
Development of the backend. Development of the Android application.  
Rework of the Angular application Care.  
*AngularJS, Grunt, Bower, Bootstrap, Spring boot, DynamoDB, Android, Apiary, REST, Git, Sourcetree, Android studio.*

Apr. 2016 **Developer.**

Documentation of a procedure to migrate a Parse application to a self hosted parse server.  
Development of a node module to migrate files.  
*Parse server, MongoDB, node.js.*

Since sept. 2015 **Backend & Frontend developer.**

Development of a monitoring solution for Tango REST API.  
*AngularJS, JHipster, Spring-boot, ChartJS, REST, Git, Sourcetree.*

**Frontend developer.**

Development of a web application for CMG interacting with a Parse application.  
*Meteor, Parse, REST, Bootstrap, Git, confluence.*

**Backend & Frontend developer.**

Maintenance of an inhouse application PushPixl managing push notifications.  
*AngularJS, Spring-boot, REST, Git, confluence.*

Champ Cargosystems (july 2014 - aug. 2015)

July 2014 - Aug. **Software engineer,** Open cargo platform.

2015 Development of a software platform.  
Development of an indexing solution inspired from spring-data.  
Development of the UI Framework.  
*CQRS, Event Driven Programming, Apache Karaf, Vaadin, Elasticsearch, OSGi, Git, Sourcetree, Jira, Scrum, sonar, confluence.*

Cetrel Securities (sept. 2013 - june 2014)

Sept. 2013 - **Team leader (10 mois).**

- Development of a GWT application managing the validation of reference prices for financial assets based on the data of several providers (SIX Telekurs, Reuters, Bloomberg).
- Export of SIX Telekurs's data.
- Development of a GWT application managing access rights for several Cetrel Securities's products.
- Development of generic tools for import/export of data.
- As technical officer, monitoring technological developments and setting up a software industrialisation platform.

*Apache Tomcat 6, GWT 2, Spring, Spring-security, Spring-web-service, SOAP Web services, jOOQ, HTML, CSS, Twitter Bootstrap, Web services sécurisés (SSL), Args4J, Oracle 11, PL/SQL, JUnit, dbUnit, Mockito, Subversion.*

### CTG Luxembourg PSF (sept. 2008 - aug. 2013)

April 2013 - **Team leader (5 months)**, Administration des contributions directes au Luxembourg, Direch.

Aug. 2013 Development of a web application used by companies to make their tax declarations.

*Websphere 7 & RAD7.5, SOAP Web services, Struts 2, JPA, HTML, CSS, Twitter Bootstrap, Javascript, JQuery, IBM DB2, Git.*

June 2012 - **Software architect (4 months)**, CTIE.

Sept. 2012 Architecture of a generic web solution used as standards for future CTIE's projects :

- Functional tests based on Arquillian
- Generic validation layer based on JSR303 (Hibernate validator)
- API simplifying the creation of dynamic JPQL queries
- API for Office (docx & xlsx) documents generation

*Struts 2, Arquillian, JUnit, DBUnit, JPA, Apache POI, Hudson, Sonar, Maven 2, Git.*

May 2012 **Software engineer (1 week)**, internal project, IDC Timer.

Analyse, development, tests and deployment of a solution registering the duration of calls of helpdesk agents.

*HTML5, CSS3, Javascript, Node.js, MongoDB, architecture REST, JQuery, JQuery UI, Mustache, Git.*

April 2012 **Software engineer (4 weeks)**, internal project, Connect to grow.

During the recruitment campaign of CTG, development of a web site collecting data from different social networks **Twitter, Facebook & LinkedIn**.

*JQuery mobile, JSONP, HTML, CSS, Javascript, JQuery, Git.*

Oct. 2011 - **Software engineer (9 months)**, internal project, Psymap.

June. 2012 Development of a web application managing the customer relationship based on the MBTI's methodology.

*C#, .Net, MVC, Razor, IIS, Enterprise Library, Visual studio, HTML, CSS, Javascript, JQuery, Foundation, SQL Server, Team Foundation Server.*

Oct. 2011 - Feb. **Software engineer (5 months)**, Ministry of foreign affairs in Luxembourg, Aeimm.

2012 Maintenance and development of new functionalities of an application managing resident's permits.

*Websphere 7. & RAD7.5, SOAP Web services, Struts 2, JPA, HTML, CSS, Javascript, JQuery, IBM DB2, SVN.*

Sept. 2008 - **Software engineer (3 years)**, Ministry of justice in Luxembourg, Jucha.

sept. 2011 Development of an application managing lawsuits and police records. Interconnection with the european police records network.

- Technical analysis
- Client development (SWT, Jgoodies, architecture HMVC).
- Development of a document generation system based on RTF.
- Unit tests, Packaging and deployment
- Environment : 3 analysts, 9 developers & 3 testers.
- Maintenance of the application, debugging and migration from RAD7.0 to RAD7.5 and from EJB2 to EJB3. Use of JPA for the persistence layer.

*EJB 3.0, JPA (OpenJPA), Java 6.0, java web start, Websphere 6.0 & 7.0, RAD7.5, JAX-WS, JUnit, Eclipse 3.4, OSGi, SWT, Freemarker, TDD, Scrum, IBM DB2, Maven 2, SVN, iText (PDF generation)*

### Infass Systèmes (nov. 2004 - sept. 2008)

Nov. 2004 - sept. 2008 **Software engineer (4 years)**, Montgeron (Essone).  
 Development of a J2EE platform and several software packages.  
 Development of software packages for customers in the domain of insurance (Siaci), transport (Les Nouveaux Coursiers) & temporary work (Bref Services).  
 System developments (user interface, persistence, administration tools) and business developments (reporting).  
 Development of a scheduled tasks system.  
 Maintenance and follow-up of customers demands and problems.  
*J2EE (EJB 2), JOnAS, DB2, Swing, JUnit, Java web start, Xslt, Apache Fop, Apache Ant, CVS.*

## Technologies

|                |  |
|----------------|--|
| Languages      | <b>Java / J2EE(EJB 3)</b> , Groovy, Scala, Javascript, Html, Css, C#, SQL, PL/SQL, Bash, XML, Python, Ada, Latex.  |
| Server         | Glassfish, IBM Websphere 6.0 & 7.0, Tomcat, Apache Karaf, JOnAS.   |
| Database       | <b>Oracle database 11, PostgreSQL, IBM DB2v9</b> , Elasticsearch, SQL Server, MongoDB, Derby, MySQL.   |
| Framework, API | <b>Angular, GWT 2.5.1, Grails, Play !, Node.js, Vaadin, JPA, Spring, Spring security, Spring Web Service</b> , JUnit, Mockito, dbUnit, OSGi, <b>Google Guava, jOOQ, Bean Validation JSR303, Args4J, Twitter Bootstrap, Foundation.</b> |
| IDE & Tools    | <b>Eclipse, IntelliJ IDEA</b> , Netbeans, IBM RAD 7.5, Visual Studio, <b>Maven 2</b> , Ant, <b>JProfiler, Jenkins (Hudson)</b> , <b>Sonar</b> , Gimp, ArgoUML, Jira, Confluence, SourceTree.   |
| Patterns       | <b>CQRS, Event Driven Programming.</b>   |
| Versioning     | <b>Git, Subversion</b> , CVS, TFS.   |
| OS             | <b>Unix / Linux (Ubuntu 8.10, Fedora 6, FreeBSD, Red hat enterprise, Mandrake)</b> , Mac OS X, Windows (XP, Vista, 7).   |

## Languages

|         |  |
|---------|--|
| French  | <b>mother tongue.</b>  |
| English | <b>read, written, spoken (TOEIC : 805 in 2003), 30 hours of english talks in 2010.</b> |
| German  | <b>Beginner.</b>   |

## Education

|           |   |
|-----------|---|
| 2001–2004 | <b>Master's degree in Computer sciences, Telecommunications and network., INSA</b> , Toulouse.  |
| 1999–2001 | <b>Two-year highly selective classes to prepare for the competitive exams to the "Grandes Ecoles"</b> , <i>Lycées Clémenceau/Roosevelt</i> , Reims. |

## Certifications

|             |   |
|-------------|---|
| 2017        | <b>Structuring Machine Learning Projects</b> , Coursera, <i>deeplearning.ai</i> , by Andrew Ng, <a href="#">Certificate</a> .   |
| 2017        | <b>Improving Deep Neural Networks : Hyperparameter tuning, Regularization and Optimization</b> , Coursera, <i>deeplearning.ai</i> , by Andrew Ng, <a href="#">Certificate</a> . |
| 2017        | <b>Neural Networks and Deep Learning</b> , Coursera, <i>deeplearning.ai</i> , by Andrew Ng, <a href="#">Certificate</a> .   |
| 2014        | <b>Scrum master</b> , <i>ScrumAlliance</i> , <a href="#">Certificate</a> .  |
| 2013        | <b>Functional Programming Principles in Scala</b> , <i>sur Coursera.org</i> , <a href="#">Certificate</a> .   |
| 2013        | <b>3 days "Develop with PL/SQL"</b> , <i>organized by Orsys</i> .   |
| 2011        | <b>2 days "Introduction to bank and investment funds"</b> , <i>organized by Get Training</i> .  |
| 2011        | <b>3 days "Dojo Toolkit, Ajax/RIA applications in JavaScript"</b> , <i>organized by Orsys</i> .   |
| 2009 & 2010 | <b>Devoxx</b> , <i>3 days of conference</i> , <a href="http://www.devoxx.com">www.devoxx.com</a> .  |
| Since 2010  | <b>Yajug</b> , <a href="http://www.yajug.org">www.yajug.org</a> .   |

## Personal projects

- Linkguardian **In progress. manage bookmarks** and share links on twitter. Hosted on [linkguardian.io](http://linkguardian.io)  
(2016) *Angular, Jhipster, material design, Bootstrap, Spring, Google URL Shortener service, CSS3, PostgreSQL, Git, VPS.*
- G7 (2012) [www.blackdog-project.org/g7](http://www.blackdog-project.org/g7) : **Google Calendar Extended Tools** : web application providing additional tools to your google's calendars.  
*HTML5 (local storage), CSS3, JQuery, JQueryUI, Google Javascript APIs, Kendo UI, 960 grid, OAuth, Git.*
- Personal website [www.blackdog-project.org](http://www.blackdog-project.org).  
*HTML5, Javascript, CSS3, JQuery, Knockout.*
- Blackdog (2008) <http://blackdog.blackdog-project.org> : Open source lightweight iTunes-like software.  
*Java 6, Hibernate, Swing, SwingX, JUnit, Subversion, Log4j, Maven 2, SVN.*
- Awl (2008) <http://awl.blackdog-project.org> : Open source Java API for the creation of graphical wizards in Swing.

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## Hobbies

Sport (jogging), music, do-it-yourself.