

THOMAS LEPLUS

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France http://www.leplus.org

EDUCATION

- 2003 – 2004 **Université de Montréal, Montréal, Canada**
Master of Science in Computer Science
Laboratory for Applied Research in Computational Linguistics
- 2000 – 2003 **École Française d'Électronique et d'Informatique, Paris, France**
Master Degree in Information Technology
Major in software engineering and project management

Fluent in English and French

- E.A.B.D. (Euro-American Business Diploma)
- 915/1000 at the T.O.E.I.C. (Test Of English for International Communication)
- 260/300 at the T.O.E.F.L. (Test Of English as a Foreign Language)

FINANCE

- Clearing (CCP): LCH.Clearnet, CME Clearing
- Trade Confirmation: DTCC Deriv/SERV (OTC credit derivatives), Euroclear Xtrakter (bonds, repos, equities and derivatives), CLS (FX)
- Trade Compression: TriOptima triResolve (OTC credit derivatives)

SOFTWARE DEVELOPMENT

Financial Software APIs

Advanced knowledge of the Calypso Java API, CLS C++ API

Financial Communication Protocols and Standards

DTCC Deriv/SERV, FpML, Euroclear Xtrakter, SWIFT messaging

Java

- Persistency and XML: JDBC, Hibernate and JAXB
- Concurrency: java.util.concurrent
- Monitoring and Management: Instrumentation API, Attach API, Java Debug Interface
- Security: JCA (Java Cryptography Architecture) and JSSE (Java Secure Socket Extension)

Other Languages

C, C++, SQL, PHP, Perl, Python, JavaScript, HTML, CSS, XML, XSD, XSLT, XPath

Development Tools

Microsoft Visual Studio, JBuilder, Eclipse, Emacs, YourKit Profiler, Ant, Maven, Hudson, JIRA, FishEye

Quality Assurance Tools

Mercury Test Director and QuickTest, JUnit, jMock, EMMA, PMD, FindBugs, Checkstyle

Database Systems

Oracle, Sybase, SQL Server, MySQL

Middleware Systems

IBM WebSphere MQ, OpenJMS

Server Administration

Apache, SSL, SSH, FTP, DHCP, Samba, Mail

Operating Systems

Microsoft Windows, Apple Mac OS X, Unix, Sun Solaris, Debian Linux, FreeBSD

EXPERIENCE

- January 2007 – this day* SOFTWARE DEVELOPMENT ENGINEER
Calypso, Paris, France
<http://www.calypso.com>
- October 2005 – December 2006* SOFTWARE QUALITY ASSURANCE ENGINEER
Calypso, Paris, France
<http://www.calypso.com>
- March – June 2005* DATA ANALYST
American Express Global Corporate Services, Sydney, Australia
Strategic Resource Management - Implementation
<http://www.americanexpress.com.au/cs>
- January – December 2004* RESEARCH ASSISTANT
Université de Montréal, Montréal, Canada
Laboratory for Applied Research in Computational Linguistics
<http://rali.iro.umontreal.ca>
- September – December 2003* TEACHING ASSISTANT
Université de Montréal, Montréal, Canada
Introduction to Algorithmics [sophomore/junior]
<http://www.iro.umontreal.ca>
- April – August 2002* JAVA DEVELOPER
Cryptolog, Paris, France
<http://www.cryptolog.com>

References available upon request.

PUBLICATIONS

- *Approche en corpus pour la traduction : le cas METEO.*
Philippe Langlais, Thomas Leplus, Simona Gandrabur et Guy Lapalme.
TALN 2005, Dourdan, France, Juin 2005.
- *From the Real World to Real Words: the METEO case.*
Philippe Langlais, Thomas Leplus, Simona Gandrabur and Guy Lapalme.
EAMT 2005, Budapest, Hungary, May 2005.
- *The Long-Term Forecast for Weather Bulletin Translation.*
Philippe Langlais, Simona Gandrabur, Thomas Leplus and Guy Lapalme.
Journal of Machine Translation, Volume 19, Number 1, March 2005.
- *Etude de la traduction automatique des bulletins météorologiques.*
Thomas Leplus [master thesis].
Université de Montréal, Montréal, Canada, Novembre 2004.
- *Weather Report Translation using a Translation Memory.*
Thomas Leplus, Philippe Langlais and Guy Lapalme.
AMTA 2004, Georgetown University, Washington, USA, September 2004.
- *A Corpus-based Approach to Weather Report Translation.*
Thomas Leplus, Philippe Langlais and Guy Lapalme.
CLiNE 2004, Concordia University, Montréal, Canada, August 2004.

HOBBIES

- Photography
- Travel
- Basketball