

Lionel Reyero

590 BLOOMFIELD AVENUE, Apt 27
OUTREMONT, QC, H2V 3R8
CANADA

Cell Phone: +1 514 571 9870
Email: lionel@reyero.info
Home Page: <http://reyero.info>

EDUCATION

- 2005-2007 **Master of Science**, in Telecommunications at I.N.R.S., Montreal, Canada. **Grant of excellence** from the International Institute of Telecommunication. Research on ubiquitous wireless positioning using GPS and WLAN. Graduating in September 2007.
- 2000-2005 **Professional Master, with honors**, in Telecommunications at the National Institute of Applied Sciences (I.N.S.A), Grande École, Lyon, France. **Ranked first** at the end of the third year. Specialization: Mobile networking and multimedia.
- 2003-2004 **Concordia University**, Montreal, Canada. One year of academic exchange.
- 1998-2000 **Baccalauréat Scientifique**, with distinction, Lycée G. Fauré, Annecy, France.

PROJECTS & PROFESSIONAL EXPERIENCES

2007-present | Independent consultation

2 months
2007

Client: ClearDestination
Technical leader. Analysis and conception of a mobile application assisting truck drivers during deliveries. My duties included software requirements, architecture, UML conception, UI design, and management of a team of 4 developers.
Tools: Sybase IAnywhere, Ultralite DB, BeNomad Navigation, Intermec barcode scanner, C#, Visual Studio .NET

2005-present | The International Institute of Telecommunications, Montreal, Canada

5 months
2007-present

Research Developer. Research project definition and implementation targeting IP Multimedia Subsystem (IMS) presence, location, and emergency services.
Tools: Ericsson SDS, Java J2ME, Symbian.

4 months
2006

Technical leader. Conception of a mobile application assisting public transport users. Mobile web portal to consult bus schedule, service interruption alerts via SMS, bus tracking and security using GPS and real time video streaming. My duties included software requirements, architecture, conception, and management of a team of 4 developers.
Tools: Mobile web, JSP, Video Streaming, Messaging Gateway, Java J2ME

2 years
2005-present

Management of the international competition of mobile application development. Management and technical expertise given to more than 140 participants from Canada, Sweden, and the USA. More than 30 mobile applications completed in the field of IMS, J2ME, Windows Mobile, and Parlay. More information at <http://ee.iitelecom.com/>.
Tools: Java J2ME, C# Compact Framework, Ericsson SDS, Darwin Streaming Server, WAP, XHTML, JSP, Ericsson NRG Simulator, NowSMS Gateway.

2005 | LIRIS Research Center, CNRS, Lyon, France

3 months
2005

Developer. Development of a real time video streaming application for Pocket PC. Application implementing frame capture, compression, transmission, and display.
Tools: C#, .NET Compact Framework, Visual Studio, Ipaq Developer Program, GamingAPI.

2004 | Concordia University, Montreal, Canada

6 months
2004

Developer. Conception and development of an SDK to facilitate the creation of Parlay/OSA services for next generation cellular networks.
Tools: Java J2SE, Eclipse, Ericsson NRG Simulator

SKILLS AND ACADEMIC KNOWLEDGE

- ◆ **IP Multimedia Subsystem (IMS):** Development using Ericsson SDS for PC, Symbian, SipServlets.
- ◆ Mobile Services: **Parlay/OSA, Parlay X**, Location, Instant Messaging, Video Streaming, Mobile web
- ◆ Web Technologies: Tomcat Servlets, Axis SOAP WebServices, X-HTML for mobiles, WML, JSP, PHP
- ◆ Development skills: **Java J2SE (4 years), Java J2ME (2 years), C# .NET Compact Framework (3 years)**
- ◆ Mobile Environments: Windows Mobile 5.0, Blackberry, Symbian, Feature phones
- ◆ **Mobile Programming:** Bluetooth, WiFi 802.11, GPS, SMS, Emails, Data Replication, Video Streaming
- ◆ Multimedia: Audio/Video Acquisition, Compression, and Transmission on Windows Mobile and PC
- ◆ Networking: IP, RTP, SIP, IMS, 802.11 WLAN, Bluetooth, GSM, CDMA, UMTS

LANGUAGES

English fluent: frequent use at work, TOEFL score: 287/300, 1 year at Concordia University.
French (native language), German beginner, Russian beginner

PERSONAL INFORMATION

- Member of the Quebec Society of Engineers (OIQ), Junior Engineer
- Member of the IEEE.
- Alpine Skiing (15 years), Volley-ball, Travel and cross cultural communication, Aquarist

REFERENCES AVAILABLE ON REQUEST

Extended Resume: <http://lionel.reyero.info>