

## Marc Gratacos

mgratacos@hotmail.com

*Interests: Information Architecture, Corporate Data Modeling, FpML, XML Vocabularies, Object-Oriented Design, Relational Databases, Model-driven Technologies, OTC Derivatives, Financial Markets.*

### Professional Experience:

12/2003-present **International Swaps and Derivatives Association, Inc. (ISDA), New York, USA**

*XML Specialist*

- Developing FpML, an open electronic messaging standard for financial products (main focus on OTC Derivatives).
- Chairing the FpML Business Process Working Group (15 members). Involved in modeling most of the business processes/messages currently supported by FpML.
- Presented FpML internationally in training courses (7 times), conferences (2), and workshops (2).
- Leading FpML implementation and documentation participating in all technical and product specific working groups and committees.
- Applying process modeling techniques and document analysis.
- Performing technology evaluation using FpML as test case.
- Performing gap analysis between financial standards (FpML vs. ISO20022, FpML vs. ISO15000, FpML vs. FIX vs. TWIST vs. for FX products).
- Completed training in Equity Derivatives (New York University), Operations, ISDA Documentation, Advanced Java (New York University).

9/2003-12/2003 **Winged Keel Group, Inc., New York, USA**

*Independent Consultant – Business Process Analyst*

- Developed a complete project proposal and presented it to the client.
- Described and analyzed business processes of the organization.

8/2002-5/2003 **University of California at Berkeley, Berkeley, USA**

*Graduate Student Researcher, The Center for Document Engineering*

- Evaluated web based technologies and architectures for implementing new applications on campus.
- Led client meetings and interviews in order to gather user requirements.
- Translated business and user requirements into functional definitions.
- Defined application functionality, navigation, interaction, architecture, and data flow using User Interface design and user evaluation methodologies.
- Implemented a generic workflow application and an enterprise data modeling project using open standards.

06/2002-08/2002 **IESE Business School, Barcelona, Spain**

*Research Assistant, Department of Information Systems*

- Wrote a business case about managing Information Technology Outsourcing and a technical note about Enterprise Resource Planning (ERP) Systems.

12/2000-8/2001 **PriceWaterhouseCoopers Consulting, Barcelona, Spain**

*Consultant in the area of Customer Relationship Management (Siebel)*

- Defined strategic planning for the Sales department.
- Analyzed sales processes and translated them into functional specifications.
- Worked closely with senior management, vendors and end users to define and manage the development of Siebel application.
- Successfully implemented a Siebel application in Gas Natural (Energy).
- Coached and mentored new consultants in the project.
- Completed training in project management methodologies.

6/2000-12/2000 **SGO Software, Barcelona, Spain**

*Consultant*

- Managed the development of a CRM prototype for a Spanish bank.
- Acted as liaison between clients and technical staff.

7/1999-3/2000 **GOC Healthcare, Barcelona, Spain**

*Intern*

- Worked on gathering requirements, modeling, and standardizing internal processes for the departments of the company.

#### **Education:**

2001-2003 **University of California, Berkeley. School of Information Management & Systems**

*Masters of Information Management & Systems (GPA 3.85/4.00)*

- Haas School of Business, Management of Technology Program.
- Final Project "*The XML Application Infrastructure*" (one of top 5 projects in my class)

*Relevant Coursework:*

- Document Engineering, Technology Strategy, Project Management, Rapid Prototyping, High-Tech Marketing, User Interface Design and Evaluation, Systems Analysis and Design, Software Design, Java, Distributed Computing.

1996-2000 **Universitat Pompeu Fabra, Barcelona, Spain**

*BA in Economics (honors)*

#### **Awards:**

2001-2003 Rafael del Pino Foundation. Fellowship to pursue Graduate Studies abroad.

2001 Coulter Alumni Fellowship - University of California, Berkeley.

#### **Papers:**

- *The XML Application Infrastructure*. Garvey, Gratacos, Leon, Smith. The Center for Document Engineering, UC Berkeley. May 2003.
- *The Course Project (XML Vocabulary for education)*. Garvey, Gratacos, Klemperer-Johnson, Leon. The Center for Document Engineering, UC Berkeley. December 2002.

#### **Technical Skills:**

*Financial Vocabularies* FpML, FIXML, FIX, ISO 20022

*Markup* XML, XSLT, W3C Schema, Schematron, DTD, and (X)HTML

*Programming* Java (including DOM, SAX, and RMI), Visual Basic, and C

*Modeling* UML

*Siebel* Visual Basic Script for Siebel, Siebel Tools, and Data Migration with EIM

*Databases* Oracle 9.x, MySQL, Apache Xindice (XML-based)

*Data Access Languages* PL/SQL

*Development Tools* Eclipse, XML Spy, Oxygen, TurboXML, CVS

*Platform Tools* Apache Tomcat, Open XML Framework (OXF)

#### **Language Skills:**

- Native speaker in Catalan and Spanish.
- Proficient in English.
- Basic in French.

*Excellent references provided upon request.*