

Resume of Jorge C. Gonzalez-Sustaeta, MSCS

Career Objective

Providing Databases, Information Systems and Software consulting: conceptual modeling, architecture, detail design and development; contract.

Experience Summary

More than twenty years of experience in project leadership of both system and application software development; analysis of medium and large, complex and multidisciplinary problems; scheduling, staffing and project leading of complete development life cycles.

More than twenty five years of experience in software development, working for companies in Sweden, Mexico and the United States.

Professional Skills

- Project scope negotiations with upper level of management. Technical negotiations of medium and large, complex systems, interacting in multidisciplinary and multicultural environments.
- Data Modeling: Entity-Relationship, object oriented and multidimensional models. Design and consulting experience with databases, data warehouses and operational data stores.
- Software Engineering: life cycle models, structured and object oriented methods; quality assurance (IEEE standards and ISO 9000).
- Human-Computer Interaction: ergonomic and cognitive aspects.
- Programming Languages: C, Eiffel, C++, Java, JavaScript, Perl, PHP.
- Operating Systems: Linux, Unix, Windows 9x and NT and others.
- DBMS: Informix and Oracle.
- Software for CAD, GIS and AM/FM applications.

Education

Degrees:

- BSEE Grenoble University, France, 1974.
- MSCS ITESM, Mexico, 1984.

Other Courses and Training:

- Mathematics and Physics. Grenoble University, France, 1974-1975.
- Mathematics for Engineers. TBV, Vasteras, Sweden, 1978-1979.
- Computer Based Process Control. ASEA, Vasteras, Sweden, 1978.
- On-line Transaction Processing Systems. Tandem Computers, Cupertino, CA, USA, 1990.

Special Achievements

- Full scholarship from the French Government to College.
- Full scholarship from Banco de Mexico to Graduate School. MSCS degree obtained with awards.
- Publication of more than 20 articles (Mexico, USA and Europe) in the areas of Databases, Software Engineering, Expert Systems and Natural Language Understanding.
- 13 conferences given on the topics above and Computer Based Power System Control.
- Advisor to more than 10 Bachelor Degree Thesis in the topics of Databases, Graphics, Software Engineering and Artificial Intelligence.
- Advisor to 3 Master Degree Thesis, one in CASE and one in Natural Language Understanding.

Personal Data

Contact Data:

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Citizenship: Mexican.

Languages: English, Spanish, French, Swedish.

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