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Pedro Eid

Objective

To work in a challenging environment with client focus and experiment with advanced technologies that enable high-fidelity training and simulation.

Professional experience

Since July 2009 *Presagis, a subsidiary of CAE*
Application Engineer, Simulation and Embedded Graphics Technologies, North America

June 2007 – July 2009 *Presagis, a subsidiary of CAE*
Technical Consultant, Services Engineer and Program Lead

April 2005 – June 2007 *Engenuity Technologies now Presagis*
Technical Product Specialist and Trainer

Since January 2003 *Concordia University*
Research and Teaching Assistant in Graphics Research and Visual 3D Systems

April 2001 – July 2002 *Profiles Inc.*
DB Software Engineer / ITS

Sept 2000 – January 2001 *Notre Dame University*
Office and Lab Assistant

Education

Since Sept. 2005 *Concordia University*
PhD Candidate in Computer Science

- Admitted to Candidacy in 2009. Research in GIS terrain, semantics and high fidelity 3D computer graphics, and immersive environments under the supervision of the Chair and Professor Sudhir P. Mudur.

January 2003 – April 2005 *Concordia University*
Master's Degree in Computer Science – Cum Laude

- 3D Visualization of large taxonomies in Semantic Web using 3D interactive Computer Graphics and flex rapid parsing techniques under the supervision of Dr. Peter Grogono and Dr. Volker Haarslev.
- Research and publications in Point-Based Graphics, Distributed Computer Systems, Advanced Rendering and Animation.

Oct. 1999 – Aug. 2002

Notre Dame University

Bachelor of Science in Computer Science – Cum Laude

- 3D Object Modeling for Medical Imaging: Porting to Java and User Interface Management

Awards received

- Recognition Award, January 2007, Engenuity Technologies, Inc.
- Recognition and appreciation letters from many clients.
- Year 2002 and Winter 2001: Dean’s List for high GPA records.
- Recognized Member of NDU Astronomy Club 2000.
- Scouts of Canada Medal for continued service and dedication, 2008.

Languages and Skills

In addition to fluent English, French, Lebanese and some Spanish:

All Presagis products and tools, Mapping synthesis and processing tools and methods, quick troubleshooting skills, management skills, C/C++, OpenGL, ActiveX, character sets, Java and JavaScripts, SQL, Pascal, UML, Assembly Languages, Visual Basic, HTML, XML, Visual Studio, Borland JBuilder, Rational Rose, Windows, Linux, VMWare, OpenSceneGraph, GenesisRT, HLA-DIS standards, Sales Logix, Perforce, SVN, forum administration skills, .NET and more.

Additional professional activities

- Astronomy and Computer events; talks and seminars.
- Member of Graphics Research Group and Visual 3D Lab at CU
- Member of: ACM – SIGGRAPH, IGDA and Gamasutra.
- Several publications and peer reviewed articles

Volunteer experience

- Red Cross volunteer, 2000 - 2002.
- President of NDU Astronomy Club, NDU, 2001 and VP from 1998
- Chief Scout, Oct 1995 – Aug 2002 and Assistant Chief, 2002-2005.
- President of NDU Alumni Assoc. – Montreal Chapter, since Oct 2003.

Interests and activities

Astronomy events, traveling, photography, music and dancing, ski, water sports, hiking, diving, motorized gadgets, iPad development, buying and learning technology.

References

[References are available upon request.](#)