



GUSTAVO SANTOS

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EDUCATION	CARNEGIE MELLON UNIVERSITY School of Computer Sciences Ph.D. in Computer Sciences, September 2007 to ----- <ul style="list-style-type: none"> • Research on adaptive Web-based applications for educational purposes • Member of the Personalized Adaptive Web Systems lab 	Pittsburgh, PA
	PORTO POLYTECHNIC INSTITUTE Information Science Engineering, September 2001 to July 2006 <ul style="list-style-type: none"> • Undergraduate student research project: System Architecture for a Web-based Intelligent Tutoring System 	Porto, Portugal
EXPERIENCE 2007	SCHUMAL - ENGENHARIA E SERVIÇOS, LDA Web Developer <ul style="list-style-type: none"> • Responsible for the full implementation of the Web site http://www.schumal.com • Site built using the Joomla Web content management system, and LAMP software bundle (Linux, Apache, MySQL, PHP) 	Braga, Portugal
2005/2007	PORTO POLYTECHNIC INSTITUTE, GECAD RESEARCH GROUP Research Assistant <ul style="list-style-type: none"> • Implemented an extensible e-Learning module in C# for the project TINSEL • Module built using Microsoft ASP.Net technology (MS SQL Server, Windows Server 2003, IIS, Active Directory) 	Porto, Portugal
2004	PORTO POLYTECHNIC INSTITUTE, GECAD RESEARCH GROUP Web Developer <ul style="list-style-type: none"> • Responsible for the implementation (front-end, back-end, mobile web layer, semantic web layer) of the research group Web site http://www.gecad.isep.ipp.pt • Site built using the Microsoft Content Management Server and Microsoft ASP.Net technology (MS SQL Server, Windows Server 2003, IIS, Active Directory) 	Porto, Portugal
2003	PORTO FACULTY OF SCIENCES, GEOSPATIAL SCIENCES RESEARCH CENTER Programmer <ul style="list-style-type: none"> • Programming in low level language the Solar Radio Spectrograph of the CICGE (Geospatial Sciences Research Center) of the Faculty of Sciences of Porto University in Portugal 	Gaia, Portugal
TECHNICAL SKILLS	<ul style="list-style-type: none"> • Concepts: Project management, object-oriented programming, data structures, algorithms, relational database design and implementation, software development life cycles, design and implementation of computer networks • Development: JAVA, C, PERL, C#, SQL, JavaScript, ASP, PHP, XML, HTML, AJAX, MS SQL, MySQL • Platforms: Windows, Linux, Mac 	
PUBLICATIONS	<ul style="list-style-type: none"> • Towards an Adaptive Web Based Learning Environment for Treating and Diagnosing Chronic Wounds. World Conference on Educational Multimedia, Hypermedia and Telecommunications, 2009, Honolulu, USA • The three Faces of GECAD's Research Group Web Portal. The Nineteenth ACM Conference on Hypertext and Hypermedia, 2008, Pittsburgh, USA • TINSEL - A Web-Based Intelligent Tutoring System on Electrical Installation Design. CEE07 - 2nd International Conference on Electrical Engineering, 2007, Coimbra, Portugal 	
HONORS AND AWARDS	<ul style="list-style-type: none"> • “Best Senior Students” of the academic year 2005/2006. Granted by Porto Polytechnic Institute • “Student of the Year” of the Information Science Engineering course. Academic year of 2002/2003 • “Student of the Year” of the Information Science Engineering course. Academic year of 2001/2002 	