

RESUME

PERSONAL DATA

Name: Vanessa Cedeño Mieles

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Place and date of birth: Guayaquil-Ecuador, 13 of December 1983

Marital Status: Married

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CAREER OBJECTIVES

To continue to grow in leadership and knowledge, excel in innovative technology application, interact and share with team members and colleagues and develop world-class solutions to real world challenges. Take advantage of the opportunities that my career brings, which are challenging and rewarding.

EDUCATIONAL BACKGROUND

Mayo 2010 **Master of Science in Computer Science**

- Florida State University
- Cumulative average: 3.13 /4
- Relevant Coursework: Database Systems, Advanced Topics in Data Management, Advanced Algorithms, Data and Computer Communications, Parallel and Distributed Systems, Computer Architecture, Computer and Network Administration. (2 years degree)

February 2007 **Computer Engineering, specialization Information Systems**

- ESPOL polytechnic University, “Escuela Superior Politécnica del Litoral”.
- Cumulative average: 8.49/10
- Relevant Coursework: Fundamental Programming, Discrete Mathematics, Analysis of Algorithms, Programming Languages, Information Systems, Data Base Systems, Software Engineering, Human Computer Interaction, Distributed Systems, Operative Systems. (5 years degree)

January 2002 **Bachelor of Science, specialization in physics and math**

- Graduated in “Colegio Americano de Guayaquil”
- Guayaquil, Ecuador
- Cumulative average: 19.78/20

TECHNICAL SKILLS

Used actively

C, C++, AJAX, Apache, CSS, Git, HTML, JQuery, JavaScript, Linux, MySQL, Oracle, OSX, Ruby, Ruby on Rails, SQL, SQLite, XML, ASP, PHP.

Used when needed

C#, Oracle Forms, Oracle reports, PostgreSQL, Sybase, Windows.

Used, but mostly forgotten

Pascal, ML, FreeBSD, Java, Squeak, Photoshop.

ACADEMIC ACTIVITIES

Master Project: Comparing HadoopDB: A hybrid of DBMS and MapReduce technologies with the DBMS PostgreSQL (Grade: 10/10)

Description: Compare the response time of different types of queries using HadoopDB with PostgreSQL, only against PostgreSQL. Experiments were performed with 8 computers to allow data sharing between different nodes in the cluster.

Graduation Thesis: Design and development of a P2P messaging application for ESPOL using JXTA technology (Grade: 10/10)

PUBLICATIONS

“Diseño y Desarrollo de una Aplicación P2P de Mensajería para la ESPOL, Usando Tecnología JXTA”, Revista Tecnológica ESPOL (RTE), Octubre 2006, 6 Páginas. ISSN: 0257-1749.

“Adaptación de un Recomendador de Filtro Colaborativo Basado en el Usuario para la Creación de un Recomendador de Materias de Pregrado Basado en el Historial Académico de los Estudiantes”, Revista Tecnológica ESPOL (RTE), Diciembre 2011, 6 Páginas. Vol. 24, N. 2, 29 – 34. ISSN: 1390-3659.

EXPERIENCE

May 2012 – **Present**

- CTI - ESPOL, “Centro de Tecnologías de Información”.
- Position: Researcher, Project leader
- Guayaquil-Ecuador.

May 2010 – **Present**

- ESPOL, “Escuela Superior Politécnica del Litoral”.
- Facultad de Ingeniería en Electricidad y Computación
- Career coordinator Electrical Engineering & Computer Science Department
- Position: Professor
- Courses: Database Systems I, Database Systems II and Programming Fundamentals
- Guayaquil-Ecuador.

August 2008 – December 2009

- Florida State University. Computer Science Department.
- Lab helper.
- Position: Teaching Assistant.
- Course: Computer Literacy
- Tallahassee-United States.

July 2007 - July 2008

- CATEG (Corporación para la Administración Temporal de la Energía Eléctrica de Guayaquil). Technology Department of the Electric Enterprise of Guayaquil.
- Logistic System
- Position: Developer.
- Programming Language: Java, JDeveloper and Oracle.
- Guayaquil-Ecuador.

June 2006 – June 2007

- Llerena & Llerena Software Company provides services to the System department in the area of Information Technologies of Banco de Guayaquil.
- Analysis, design and development of the Project “Cardholder” which objective is to manage the inventory, emission, print, delivery of the cards of the bank and all the processes that take place in the transactional service, that relates with the use of the cards.
- Position: Project manager.
- Programming Language: C#.
- Guayaquil-Ecuador.

March 2006 - May 2006 **Internship**

- In the System department in the area of Information Technologies of Banco de Guayaquil.
- Help in the development of the project “Reference Letters” developed in C#.
- Development of the web page, “Survey of Hobbies and Interest”, in ASP.Net.
- Guayaquil-Ecuador.

March 2005 - May 2005 **Internship**

- In the Department of Technology, Processes and Systems Development of the electric enterprise, CATEG
- Help in the development of reports and screens with Oracle Developer. Visualization of specific data and summaries by the limitations of the user, for the CATEG Budget System.
- Guayaquil-Ecuador.

TEACHING EXPERIENCE

- School of Electrical Engineering & Computer Science, Escuela Superior Politécnica del Litoral.
 - I Semester 2013
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - II Semester 2012
 - FIEC05355 DATABASE SYSTEMS II
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - I Semester 2012
 - FIEC05355 DATABASE SYSTEMS II
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - II Semester 2011
 - FIEC05355 DATABASE SYSTEMS II
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - I Semester 2011
 - FIEC05355 DATABASE SYSTEMS II
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - II Semester 2010
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS
 - I Semester 2010
 - FIEC05553 DATABASE SYSTEMS I
 - FIEC04341 PROGRAMMING FUNDAMENTALS

PROFESSIONAL SERVICE

• **Services**

Contest Organizer "Android Application Development" sponsored by ESPOL and Samsung Electronics. 06/2011-10/2011

• **Member of Committees**

Panelist for the election of members of Fulbright Scholarships 2012

AWARDS AND CERTIFICATES

- November 2011 **Teaching Merit Diploma**
- Awarded by the "Escuela Superior Politecnica del Litoral", for having obtained a high score in the work as a Professor of the School of Electrical Engineering & Computer Science. In the 2010-2011 period.
- August 2008 **Certificate for the Program for Instructional Excellence**
- Florida State University, Tallahassee, Florida.
- March 2008 **Tuition scholarship and Teaching Assistant from Florida State University**
- Scholarship for Master of Science in Computer Science. August 2008-April 2010.
- August 2007 **FULBRIGHT-SENACYT Scholarship**
- Scholarship for Master in the USA. August 2008 – May 2010.
- October 2006 **Academic Award “Mejor egresado” from ESPOL polytechnic University, “Escuela Superior Politécnica del Litoral”.**
- Given to the student who attained the highest average grade between the students that finished the coursework for the major Computer Engineering, specialization Information Systems.
 - For the academic year 2005-2006.
- October 2005 **Academic Award from ESPOL polytechnic University.**
- Given to the student who attained the highest average grade between the students of the major Computer Engineering, specialization Information Systems.
 - For the academic year 2004-2005.
- March 2005 **Certificate for approving the Seminar, Object Oriented Business Modeling**
- Dictated by the ESPOL, “Escuela Superior Politécnica del Litoral”.
- February 2004 **Certificate of sufficiency awarded by the ESPOL**
- In Windows, Internet, Word, Excel, Excel Applied.
- January 2002 **Certificate of International Baccalaureate in subjects at higher level**
- In English and Physics
- Certificate of International Baccalaureate in subjects at standard level**
- In Mathematics methods and Computer Science
- January 2002 **Fifth place in the general classification of the bachelors, top 6.02%.**
- Awarded by: Colegio Americano de Guayaquil
- September 2001 **“Primera Escolta de la Bandera de Guayaquil”**
- Awarded by: Colegio Americano de Guayaquil

LANGUAGES

First Language: Spanish

English: High level (Reading, writing and conversation).

- 107 TOEFL iBT.

French: Medium level, (Reading, writing and conversation).

- Studies in the Alliance Française of Guayaquil.