

# Maria Gabriella Mosquera

<http://www.luwebdesign.com>

[gmosquera@gmail.com](mailto:gmosquera@gmail.com)  
[gmosqueraj@luwebdesign.com](mailto:gmosqueraj@luwebdesign.com)

## EDUCATION

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<b>Master of Electronic Commerce (M.E.C.)</b> Dalhousie University Dean's list- 2007 Thesis: E-government in Ecuador – Plans, Problems, and Preventions Supervisor: Dr. Anthony M. Cox	Halifax, NS – Canada 2008
<b>Bachelor of Information Technology (B.I.T.)</b> Clayton State University Dean's list - 2004 Concentrations: - Electronic Commerce - Database Administration	Morrow, GA – U.S. 2005
<b>Associate Degree in Liberal Arts (A.A.L.A.)</b> Universidad de Especialidades Espíritu Santo – (ICP)	Guayaquil – Ecuador 2000

## COMPUTER SKILLS

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HTML, XML	CSS, XSL	PHP
JavaScript	Visual BASIC	ASP.NET
ADO.NET	SQL	PL/SQL
CMS	MS SQL Server	Oracle
MySQL	MS Access	SAS
MS Visual Studio	Adobe Photoshop	Adobe Illustrator
Adobe Flash	Adobe Fireworks	MS Project
MS Visio	LAN/Wi-Fi & WEP	MAC OS X
Windows 2000,NT, XP, Vista	PC & Mac Troubleshooting	A+ Certified

## PROJECTS

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### Marketing

- Created a marketing model for Sobeys Inc. by using data mining tools and techniques.
- Identified a sales drop in the meat department and identified substitute products.
- Profiled the identified customer segments.
- Provided recommendations for promoting affected sales.

### Web Design

- Created a secure .NET E-commerce website.
- Validated controls, and configured a web.config file for authentication purposes.
- Designed and configured login, user update and registration pages.
- Used ADO.NET to retrieve, store, and display database records.
- Implemented an e-commerce Shopping Cart to calculate total price of items, shipping and tax.

## RELEVANT EXPERIENCE

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### University Professor

- Dalhousie University – Faculty of Computer Science, Halifax, NS 2008 – Present
- Teach CSCI 1206 (Intro. to Web Creation) to non-computer science undergraduate students, and ECMM 6018 (Enterprise Networking for e-Commerce) to graduate students in computer science.
  - Develop and implement class structure to enhance learning experience.
  - Provide one-on-one assistance during labs to students.
  - Grade student assignments/exams/projects/labs.
  - Maintain office hours and monitor student progress.

### IT and Marketing Administrator

- Neptune Theatre, Halifax, NS 2009
- Ensure the reliable operation of network and networking components (including servers).
  - Ensure the backup and secure offsite storage of data.
  - Providing IT support and training to computer users.
  - Maintaining all Neptune Theatre websites.
  - Advise on and implement data analysis tasks.
  - Ensure organizational compliance to industry standards or law regarding software licensing, data protection, and payment card processing.

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## Teaching Assistant

Dalhousie University – Faculty of Computer Science, Halifax, NS 2006 – 2008

- Co-taught undergraduate courses (CSCI 1200 & CSCI 1206) with departmental faculty.
- Provide one-on-one assistance during labs to students.
- Graded student assignments/exams/projects/labs.
- Performed other duties as assigned by instructor.

## Website Advisor

Consulate of Chile – Olympia, WA 2002 – 2006

- Performed standard tasks to identify and advise on future web technology needs and problems.
- Installed/configured system hardware and software.
- Performed standard and preventive PC/Mac/Network maintenance.
- Developed and conducted software application and system operation training for users.

## Web Administrator/Office Assistant

Clayton State University – P.O. Department, Morrow, GA 2004 – 2005

- Updated and maintained departmental website.
- Maintained a database of work requests to maintenance/grounds employees.
- Interacted with school officials, the general public, and routed telephone calls.
- Maintained office-filing system, and performed other general office tasks.

## Web Developer

J.H.O.C., Inc. d/b/a Premier Transportation, Forrest Park, GA Mar – Apr, 2005

- Designed the company's online job application.
- Made extensive use of HTML, CSS, and JavaScript code, and CGI script for form processing.
- Validated form-required fields, and proper user-input format.
- Troubleshoot and validated website according to W3C specifications.

## Teaching Assistant

Clayton State University – I.T. Department, Morrow, GA Jan – May, 2005

- Co-taught undergraduate course (CPTG 1111) with departmental faculty.
- Provided one-on-one assistance during class/lab to students.
- Graded student assignments/exams/projects.
- Maintained consults with students outside of class meetings, and monitored their progress.
- Performed other duties as assigned by instructor.

## Web Developer

Merle Manders Conference Center, Stockbridge, GA Aug – Dec 2003

- Designed and maintained the organization's website.
- Made extensive use of HTML, CSS, JavaScript code, and Flash applications.
- Kept website up-to-date, validating it according to W3C specifications.

## VOLUNTEER WORK

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### Researcher

Dalhousie University - Faculty of Computer Science, Halifax, NS 2006

- Researched the feasibility of implementing different methods of a product discounting system for fluid milk targeted at low-income mother-led families within the province of Nova Scotia.
- Provided recommendations for the Exploring Milky Ways Study.

### Conference Assistant

Universidad de Especialidades Espíritu Santo, Guayaquil, Ecuador. Feb.14–16, 2000

- Greeted and escorted "Service-Learning: Education with a Difference, Making a Difference" conference attendants.
- Organized schedule for daily events.
- Communicated historical facts to attendants.

## HONORS & EXTRACURRICULAR

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- Georgia Rotary Student Program Scholarship recipient. 2000
- Honourable mention by the National Congress of Ecuador as High School Graduate. 1999
- Graduated with honours from Colegio Internacional S.E.K. Guayaquil, Ecuador. 1999
- Fluent in English, Spanish.
- Basic French, German