Eduardo Gutarra

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OBJECTIVE Obtain a position as a database developer or software engineer.

EDUCATION

Research-based *Master of Computer Science (MCS)*
University of New Brunswick, Saint John, NB, Canada
Thesis Title: Multi-column bitmap indexing
Emphasis: Databases
expected October 2011

Certification on Foundational CS Courses–Industrial perspective   Aug–Oct 2009
Emphasis: .NET framework using C#
INFOSYS, Mysore, Karnataka, India

Bachelor of Computer Science
EAFIT University   Jun 2009
Medellín, Antioquia, Colombia
G.P.A. 4.3/5.0

EXPERIENCE

Teaching Assistant   2010–2011
Computer Science and Applied Statistics Department
University of New Brunswick, Saint John, NB, Canada
- Assisted with instructional responsibilities for the following courses:
  - Introduction to Computer Programming in Matlab
  - Introduction to Data Structures and Algorithms (C)
  - Introduction to Computer Programming in Java
  - Computer Science Concepts (Java)

Software Engineer Intern   Jun 2008–Jan 2009
ION Geophysical, Houston, TX 77449
- Developed in C++ a command line utility for indexing trace header information.
- Performed research on MySQL storage engines.
- Deployed google-breakpad, a multi-platform crash reporting system.

Programmer/Analyst   2007–2008
Biomecanica LTD, Medellín, Colombia
- Designed and developed a clinical history report system for Biomecanica, using PHP and MySQL.
- Developed and tested back-up software using PHP and MySQL.

Teaching Assistant   2007–May 2008
EAFIT University, Medellín, Colombia
- Assisted with instructional responsibilities for Compilers and Programming Fundamentals courses.

Web Developer   Summers 2004–2010
Panagro S.A., Medellín, Colombia
- Designed and developed various web applications and web pages.
- Programmed macros in Visual Basic for Excel worksheets.

COMPUTER SKILLS

Languages:
- Proficient in: C/C++, Java, C#, Bash, Ruby, PHP
- Familiar with: Matlab

Software:
- Database: MySQL, SQL Server
- Operating Systems: MS Windows, Unix, OSX
- Design: Illustrator, Flash

ASSOCIATIONS

Society of Exploration Geophysicists (SEG)	2008–Present
Semillero de Investigación de Recuperación de Información (SIRI)	2007

HONORS AND AWARDS

Top Performer of INFOSYS Training Program	Oct 2009
GEMIS Award for Undergraduate Project on Viper-SUGUI	May 2009

LANGUAGES

Fluent in Spanish (Read, Write, Speak)