

Gabriel O. Trisca
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Personal Information

Date of Birth: **1989-03-31, Age 21**
Citizenship: **Argentine**
Gender: **Male**

Employment

August 2010 - Present **Software Developer**

Inteligencia Aplicada Software

Position description: Use Adobe technologies (Flash, Flex) to develop a highly interactive, visually rich application for the Mexican Government. Object oriented programming, PHP & Java-based backends and AMF for communication with heavy client-server interactions, feature Driven Development. Can't disclose more information due to NDA.

July 2010 - August 2010 **Software Developer/Internship**

NASA Goddard Center, Maryland, USA

Position description: Software Manager, assign tasks to team members, develop communication software to connect robots, improve existing software. Tutor fellow interns about good practices for software development, port lineal code to the object oriented paradigm, quality assurance, project management, code integration and overall software integrity.

June 2010 - July 2010 **Software Developer/Internship**

Inteligencia Aplicada Software

Use Adobe technologies (Flash, Flex) to develop a highly interactive, visually rich application for the Mexican Government. Object oriented programming, heavy client-server interactions, Geographic Information Systems (GIS) and Feature Driven Development. Can't disclose more information due to NDA.

August 2009 - March 2010 **Software Developer**

Alberto Aranda Consulting Services

Developing a modern and efficient- yet low-requirement point-of-sale / inventory software for a chain of stores. Development was done in Java, using MySQL as backend. The software had two facades, one was for the client side (point-of-sale) Swing was used, and for administrative section, a combination of Struts and JSP was used. Logging functionality for the project was provided using Log4J.

June 2008 - August 2009 **Software Developer/Intern**

NASA Goddard Center, Maryland, USA

Develop an algorithm to detect spheres in a 3D point-cloud (C#, C++). Tutor other students in programming. Take the role of Project Leader for the period described. Act as a PR representative.

September 2008 - April 2009 **Software Developer**

JWM Solutions Software, México

Software development in different projects for the company. Develop in Java and extensive work using the ExtJs framework for the presentation layer. All the projects were designed under

the MVC paradigm.

June 2008 - August 2008

Software Developer

Scriplance.com

Develop custom applications under the specification directly provided by the costumers. Kept the highest score in customer satisfaction.

September 2008 - May 2008

Software Developer

IT Department Instituto Villa Aurora Italy

Give maintenance to the local network, re-fit and improve Bash scripts to run automated tasks in the server, develop a student/HR system for the school (PHP), give maintenance to the computers in campus.

January 2007 - May 2007

Developer/Graphic Designer

IT Department - Universidad de Montemorelos México

Customize the Joomla CMS to fit the particular needs of different departments of the university. Develop custom extensions and plugins for Joomla (PHP). Create advanced interactions in the UI based on descriptions and mock-ups by the artist.

January 2006 December 2006

Developer

IT Department - Universidad de Montemorelos México

Develop systems and applications (mostly finances-related) for the department using the Appfuse (Java) framework, and related technologies (Spring, Struts, Hibernate).

December 2005 December 2005

Assistant

Library's Computer Room Library of the Universidad de Montemorelos México

Maintenance of the computers, provide technical assistance to the users of the room.

Education

August 2005 December 2010

Computer Systems Engineer

Spanish: Ingeniería en Sistemas Computacionales

Universidad de Montemorelos, México

August 2004 May 2005

High School

Ozark Academy, Arkansas, USA

August 2002 May 2004

High School

Focus on Physics, Math and Chemistry

Preparatoria IGN, Universidad de Montemorelos, México

Professional Qualifications

Operating Systems

Linux/Unix, Excellent

Windows, Excellent

Mac OS, Excellent

Programming Languages

Java & related technologies (JSP, Spring, Struts, Hibernate, Swing/AWT, etc.) Excellent

Actionscript v2 & v3 (AMF for communications, also basic HTTP/REST)- Excellent

JavaScript (also jQuery, Mootools, Prototype & ExtJS, JSON, etc)- Excellent
PHP (Using OOP, common frameworks like Symfony, CakePHP), Excellent
C#/.NET, Excellent
Bash programming, Excellent
Python & C, Very Good
Ruby, Good
C++, Good

Database Knowledge

Very strong SQL knowledge, specific functionality by database provider:
MySQL, Excellent
Postgres (Also postGIS), Excellent
MSSQL, Very Good
Oracle, Average

Languages

Spanish Native Speaker
English - Fluent (Comparable to native, ESL certified)
Italian - Fluent

Other

CSS
HTML
XHTML
XML
RDF

Other Activities

August 2010

Speaker

Campus Party Mexico City, 2010

“Robots de Exploración Planetaria” (Planetary Exploration Robots)

Talk on common problems/challenges and their possible solutions for ground-based exploration of foreign planets based on the experiences working at NASA

March 2008

Speaker

Training session for women about reaching the masses using technology, Ischia, Italy

Basic training on how to create websites, publish them on the web and do SEO.

April 2006

Speaker

8th Regional Congress of Technology and Industrial Engineerings, Veracruz, México

“Cultura Hacker” (Hacker Culture)

Talk on open source and the benefits of free operating systems for students and developers

Interests

Graphic design & photography, travel, philosophy and anthropology, snow sports, open source, science fiction, production and realization of radio shows (radio host), playing the guitar.