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Date of birth:	April 24th, 1987
Place of birth:	Mexico City, Mexico
Marital status:	Single
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Objetivos

I wish to work in an environment that lets me make use of my technical knowledge to create quality software using good programming practices but without restricting the creative side of my team or client. I like to develop usable products that are easy and intuitive for the final user that come served with a great user experience; from the information architecture to the graphical user interface. I am easy going, flexible and I adapt well everywhere I go. I love team work but I have no problem in working by myself either.

Work Experience

Jan '12 - Today: GNK Logística – Mexico City

Systems Developer
➢   Developer and manager of the logistics company's ERP and Electronic Recipes using Visual Basic 6
➢   Web app developer using HTML5/CSS3/JavaScript, and JSP
➢   Database Admin. using SQL Server 2008 and MySQL

2011 - Today: Pequeño Cuervo – Mexico City
IT Director, Developer and Project Manager
➢   Web developer
➢   Windows 8 app development
➢   Graphic design and motion graphics
➢   UX desgin
➢   HTML5, CSS3, jQuery, PHP, SQL and more (depending on the project)

Jan '11 - Dec '11:   Broadband Technology Opportunities Program (BTOP) - Auburn, AL
Computer and Network Technician, DBA and webmaster
➢   Enhance smaller libraries' public computing facilities in a manner that makes more computers more accessible to job seekers.
➢   Provide faster and better broadband computing access, which enabled libraries to give users access to a wider array of online training and workforce development content.
➢   Improve public access to broadband services in underserved areas of the state in order to bridge the "digital divide" between low-income rural areas and wealthy urban areas.
➢   Establish audio-visual conference centers at rural libraries and schools that could serve as test-beds for next-generation health information and pharmaceutical advisory systems that enhance health care delivery in

underserved rural areas of the state.
- ➢ Update and manage the project's website
- ➢ DBA

Summer '09: Cliff Drysdale Tennis at the Ritz-Carlton - Key Biscayne, FL
Multimedia Designer, Tennis Camp Counselor
- ➢ Video Edition for Tennis and Adventure Camp using Sony Vegas Pro
- ➢ Tennis Camp Leader
- ➢ Tennis Coach at the Ritz-Carlton Tennis Garden

Verano 2008: Cliff Drysdale Tennis at the Ritz-Carlton - Key Biscayne, FL
Database Administrator, Tennis Camp Counselor
- ➢ DBA for Tennis Summer Camp
- ➢ Tennis Camp Leader and Adventure Camp Counselor
- ➢ Tennis Coach at the Ritz-Carlton Tennis Garden

Verano 2007: 100% Digital - Key Biscayne, FL
Web Designer
- ➢ Design and implementation of websites for clients in Miami, Fl and Mexico City using HTML and Adobe Flash CS3
- ➢ Managed new and existing websites

Education

2007 - 2011: Tuskegee University
Tuskegee, AL, USA
B.S. in Computer Science
GPA: 3.65/4.00
Senior Seminar Project: "Software Engineering Techniques in Interpreter Design"

2005 - 2006 IAASA Microsoft Certified Partner
Cuernavaca, Morelos
Technical Certification in App Development using Visual Basic and MS Office

2004 - 2006: Instituto Resnick
Jiutepec, Morelos, Mexico
High School with a focus in math and physics

Research Experience

2010 - 2011: Research Assistant at Tuskegee University
High-performance computation using GPUs
- ➢ Design of numerical solutions problems of heat and mass transfer using graphics cards
- ➢ High-performance matrix operations using graphics cards
- ➢ C++ and nVidia CUDA technology

2009 - 2010: Research Assistant at Tuskegee University
Robotics Lab
Design of autonomous robots using VEX Robotics Design System
- ➢ Build and implement mobile path-finding robots
- ➢ Design of algorithms for path-finding mobile robots
- ➢ Programming with easyC

2008 - 2009: Research Assistant at Tuskegee University
Computer Forensics Lab
- ➢ Small scale digital devices forensics
- ➢ Areas of study included: cell phones, PDAs, GPS and USB drives

Computer Skills:

Languages: C/C++, Java, HTML5, JavaScript/jQuery, PHP, CSS3, JSP, VB6, CUDA, AS 3.0, SQL, and basic Python.
OS: Windows XP, Windows Vista, Windows 7, Windows 8, Linux and Mac OS.
Software: MS Office, MS Visual Studio, MySQL, SQL Server, Adobe Flash, Adobe, Dreamweaver, Adobe Photoshop, C4 Gaming Engine, Blender, MATLAB, Wordpress, software engineering techniques, software processes, UX and IA strategies.
Languages: Spanish as a native language

English (TOEFL, SAT, GRE), +5 years studying in the USA.

Publications:

1. Fan Wu, Miguel Cabral, and Li Jiang, Design and Implementation of a Path Finding Autonomous Robot System using Multiple Sensors, the International Conference on Computational Intelligence and Software Engineering (CiSE 2010), Wuhan, China. December 2010.

2. Fan Wu, Miguel Cabral, and Jessica Brazelton, High Performance Matrix Multiplication on General Purpose Graphics Processing Units, the International Conference on Computational Intelligence and Software Engineering (CiSE 2010), Wuhan, China. December 2010.

3. Fan Wu, Miguel Cabral, Chung-han Chen, Hira Narang and Li Jiang, Design and Implementation of a Sensor-Based Path Finding Autonomous Robot System, the 2010 International Conference on Automation, Robotics and Control Systems (ARCS-10), Orlando, FL, July 2010.

4. Fan Wu and Miguel Cabral, 2RE: A Multi-Sensor Based Path Finding Autonomous Exploration Robot System, the 2010 International Conference on Artificial Intelligence (ICAI-10), Las Vegas, NV, July 2010.

International Conference Presentations:

1. Fan Wu, Miguel Cabral, Chung-han Chen, Hira Narang and Li Jiang, Design and Implementation of a Sensor-Based Path Finding Autonomous Robot System, the 2010 International Conference on Automation, Robotics and Control Systems (ARCS-10), Orlando, FL, July 2010.

Expos:

Inter / Face. Julio 2013.
Augmented Reality Expo at El Bicefalo
- Design and implementation of a Facebook App
- AR programming using HTML5, CSS y JavaScript Dreamweaver and Wikitude SDK

Awards and Achievements:

Tuskegee University Honor Roll 2007-2010
Tuskegee University Eminent Scholar 2007-2008
Tuskegee University Athletics' Academic Award 2008 - 2010
SIAC Conference Academic Award 2007 - 2009
Best Research Award at Joint Annual Research Symposium 2010
Member of Upsilon Pi Epsilon, computer science honor society
Member of ACM (Association for Computer Machinery)
Most Valuable Player award Tuskegee University Men's Tennis 2007 - 2008
Player of the Year award SIAC Conference 2008 - 2009