

# Carlos A. Jaramillo

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**CAREER GOAL** To design and build (electronic/computerized) systems to simplify our life.

**EDUCATION** **CUNY City College of New York**  
B.S in Computer Engineering, *Expected Fall 2009* Current GPA: 3.7  
**SUNY at Westchester Community College**  
A.S in Computer Science - May 2003 GPA: 3.96 Salutatorian (Honors)

**HONORS & AWARDS**

- General Motors Engineering Excellence Award (2008-2009) through HACU
- DMJM Harris Scholarship (2009) by the Grove School of Engineering at CCNY
- Harold L. Drimmer Scholarship (2003)
- SUNY WCC Honors Program Graduate and President's Honors List (2001-03)
- Lieutenant of the Ecuadorian Air Force Reserve (*International*) (2000)
- Valedictorian of the Aeronautics Technical High School (*International*) (2000)

## WORK EXPERIENCE

01/2006 – 01/2009 **Industrial Medicine Associates, P.C.** Tarrytown, NY  
*Server and Desktop Support Technician / Junior Network and System Administrator*

- Installation, maintenance and troubleshooting of a great diversity of software and hardware systems – mostly Windows-based software and laser printers and scanners
- Expertise in Local Area Network architectures (Small Office and entry-level CISCO)
- Windows NT, 2000, and 2003 (Active Directory) system administration and backup
- Configuration of Microsoft Exchange Server 5.5, 2003, and some experience with 2007
- Deployment of virtual technologies – such as Vmware, Qemu, and Xen
- Remote connections via Windows Terminal Services, CITRIX, and VNC technologies
- BlackBerry Enterprise Server (BES) setup/configuration
- Assisted with purchases and testing of a large range of electronic equipment
- Configuration of PBX and Voice Mail systems such as TalkSwitch, NEC, and Asterisk VoIP
- On a daily basis, responsible for support calls for all the distinct type of medical businesses and their respective front-end web applications

08/2003 – 12/2005 **Westchester/Putnam Central Labor Body, AFL-CIO** White Plains, NY  
*Web Designer / Computer Support Technician*

- Installed and supported software applications and the LAN infrastructure
- Maintained MS Access databases and their e-Activist Network with over 500 subscribers
- Implemented electronic mail merge, e-mail, and blast-fax for meetings and events
- Redesigned and maintained the organization's website (wpclb.org)
- Edited pictures with Photoshop and re-designed the organization's logo into vector-form

10/2001 – 12/2002 **SUNY Westchester Community College** Valhalla, NY  
*Computer Science Tutor*

Assisted students at the Computer Science Lab/Tutorial Center to comprehend programming languages, such as C++, Java, and Visual Basic 6

## COMPUTER SKILLS

- **Operating Systems:** MS Windows, Mac OS X, and some distributions of Linux and BSD
- **Office Applications:** Proficient in MS Office suites as well as Sun's Open Office
- **Communication Systems:** Exchange Servers, BlackBerry Enterprise Server, NEC phone systems (PBX) and some experience with Asterisk (VoIP)
- **Networking:** Cabling, TCP/IP and firewalls configuration, data encryption and monitoring
- **Web Design:** Knowledge of Macromedia Flash and Dreamweaver, and PDF creation
- **Graphic Design:** PhotoShop & Illustrator. Open-source tools like GIMP and Inkscape
- **Programming:** Overall knowledge of C++, Java, Visual Basic 6.0, VBA, Haskell, Linux shell-scripting, and x86 Intel Based Assembly Programming
- **Web Programming:** Proficient in XHTML and DHTML. Familiar with JavaScript and CSS

**LANGUAGES** Fluent in English and Spanish

## OTHER INTERESTS AND ACTIVITIES

- Member of Eta Kappa Nu (HKN), Beta Pi Chapter at CCNY
- Former member of the Omega Computer Club at Westchester Community College
- Electronics hobbyist and open-source software enthusiast