

EDGARDO VEGA

445 Silver Leaf Dr
Christiansburg, VA 24073
540-230-3710
edgardo.vega@gmail.com

EDUCATION & AWARDS

MS, Computer Science, Virginia Tech, 2010 (GPA 4.0/4.0)

BS, Computer Science, Virginia Tech, 2004

K2 Insider, 2008-2010

Moog Components Group Mentoring Program, 2010

PROFESSIONAL SUMMARY

I am an accomplished Senior Software Engineer / Architect / Project Manager with nine years of experience in IT and tech support as well as all phases of software and website development. I am comfortable with programming in all the languages shown below, and I am particularly proficient in C#. My experience demonstrates that I am a creative, organized, personable, and an energetic self-starter who takes ownership of assignments and drives for results.

TECHNICAL SKILLS

Languages:	C#, ASP.NET, T-SQL, HTML, CSS, JavaScript, XML, XSLT, C++, VB.NET, VB, ASP
APIs:	.NET Framework (1.0 – 4.0), jQuery, jQuery UI
Middleware:	IIS (6/7), SharePoint (2003/2010), K2 (2003/BlackPearl), SSIS, BizTalk (2004/2006), VMware vSphere 4, MS Hyper-V 2008, VMware ESX 3, MS Virtual Server 2005
Operating Systems:	Windows (MS-DOS - 7), Windows Server (2000-2008)
Databases:	MS SQL (2000-2008), MS Access (95-2010)
Tools:	MS Visual Studio (6 – 2010), MS Project (2000 – 2010), MS Visio (2000 – 2010), MS Office (95 – 2010), SourceGear Vault, Subversion

PROFESSIONAL HISTORY

VIRGINIA TECH, Blacksburg, VA

January 2006 – Present

Masters in Computer Science under **Dr. Manuel A. Perez-Quinones**

Studying how a user's micro-blogging behavior affects and is affected by large communities congregating (i.e., conference participation); developed tool using Twitter API, conducted user surveys and interviews, qualitatively analyzed data.

MOOG COMPONENTS GROUP, Blacksburg, VA

September 2001 – Present

A premier technology company with innovative design and manufacturing capabilities in motion control and electronic components, located in nine facilities across North America and Europe.

Senior Applications Support Analyst

(August 2006 - Present)

- Gathered requirements, designed, implemented, tested, and deployed the QHT process, which is used to process non-conforming products on the manufacturing floor. This process is estimated to be saving the company \$700,000 a year.
- Member of the Moog Corporate Customer eBusiness Portal Startup Team
- IT representative to the Moog Components Group Quality Management Council
- Designed, implemented, and maintained the automated IT request form used for requesting, approving, and routing IT services. Removed the need for hiring an extra individual to process these requests as well as the need for faxing these forms between facilities, thus saving the company \$70,000 a year.
- Developed an engineering drawing validation program that creates scanned images, displays them to the user, and validates them against the ERP system. Saved the company over \$100,000 a year.
- Created a user guide on the revision control system and trained all the users.
- Updated the IT Project Web in order to comply with Sarbanes Oxley regulations.

Applications Support Analyst

(May 2004 – August 2006)

- Led a team responsible for researching technologies for an ePaper initiative. Decided on K2.net 2003 as a workflow package, installed the product in development, test, and production environments, and implemented the first workflow solution saving the company \$12,500.
- Designed, implemented, and maintained SharePoint 2003 as the company's document repository and collaboration suite. Moved 500,000 documents from SharePoint 2001. Worked with power users to design their document repositories and trained 1,600 end users.
- Recommended the use of virtualization to create extensive development and test environment. Specified the hardware needs and led a team of five responsible for virtualizing existing machines.
- Designed, implemented, and maintained the first integration between the corporate office and group to pass employee information back and forth. Installed BizTalk 2004 as the integration hub for the group.
- Recommended using version control software for development projects to follow best programming practices. Led team efforts to select SourceGear Vault as the version control software and to move all source code into the repository.
- Replaced an existing hardware forms printing technology for printing checks and replaced it with Reforms, software used for transforming text output into graphical forms.

Systems Support Analyst Assistant

(September 2001 – May 2004)

Member of the Application Group, but would report to senior management or infrastructure groups when the assignment was required; held this position part time while completing my Bachelor's degree.

- Led the organization's adoption of Visual Studio .NET as a programming environment from Visual Studio 6.0. Programmed, tested, debugged, supported, maintained, and trained users on the operation of several applications.
- Recommended, implemented, and trained users on GWI's cSupport helpdesk software.
- Integrated UPS & FedEx shipping systems into the division's ERP system saving 8 weeks of annual effort.