

# Carlos Moya

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## SUMMARY OF QUALIFICATIONS

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- Extensive experience architecting and developing desktop and web-facing n-tier applications.
- Ten years strong .NET (2.0-4.0, C#, VB.NET) and Visual Basic (3-6) experience with COM+, Remoting, ADO & ADO.NET.
- Experience writing reusable object libraries and UI usercontrols for other developers.
- Thorough understanding of and a strong believer in user interface fundamentals and standards.
- Well grounded in OOP concepts and practices.
- Experience writing office automation solutions with Outlook, Word, and Excel using VBA, OLE Automation, and COM Add-ins.
- Strong knowledge of Win32 platform issues, installation-authoring, dependency conflicts, and API inconsistencies.
- Excellent verbal and writing skills and a believer in well-documented code.

## TECHNICAL SKILLS

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<b>Tools</b>	.NET 2.0-4.0, C#, VB.NET, ASP.NET, WinForms, VBA, JavaScript, HTML, CSS, XML, XSLT, SQL Server Reporting Services, Adobe Flex ActionScript 3.0, InstallShield and MSI SDK.
<b>Databases</b>	SQL Server 2000/2005, Oracle 8i, MySQL 5.1, Access, Sybase (ASA), FoxPro 2.x.

## WORK EXPERIENCE

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**NYC Department of Education – NYC**

**[schools.nyc.gov](http://schools.nyc.gov)**

***Developer***

***Dec 2009 - Aug 2011***

- Currently developing web facing controls and applications for a website serving 2,000 schools, their students and parents, and built on top of a customized MS CMS system using C#, Adobe Flex / ActionScript 3.0, jQuery and Dojo.
- Created Flash-based stories carousel to spotlight important communications (visible on the home page above) driven by back-end CMS and written from scratch in Flex.
- Created server-side image rendering routines for non-Flash JScript version of the spotlight above and also used in other applications needing thumbnailing services.
- Responsible for integrating and customizing externally hosted calendar (ActiveData Exchange).
- Assisted in the development of ArcGIS-based School Search application (see link above).

**Uhangin.com – NYC**

**[www.uhangin.com](http://www.uhangin.com)**

***Developer / Architect***

***Jan 2009 - May 2009***

- Main developer on Web 2.0 mashup application and website built using ASP.NET 3.5, C#, MySQL 5.1 and ActionScript 3.0 (Adobe Flex).
- Built hooks into several external API's from Facebook (FBML), Twitter (REST HTTP), etc.

**Taylor Rafferty (Xinhua Finance) – NYC**

**[www.taylor-rafferty.com](http://www.taylor-rafferty.com)**

***Lead Developer / Architect***

***Jul 2003 - Jan 2009***

- Ported and enhanced legacy proprietary CRM and financial research application for an investor relations firm. The application allowed employees and clients (via both desktop and web interfaces) to mine financial industry contact and company details and send targeted e-mail blasts to interested money managers. Used VB.NET, ASP.NET, ASP, and SQL Server.
- Created add-ins for Excel to allow employees to conduct database mining, reporting, and import external data received from clients.

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**ICor Brokerage (Reuters) – NYC**

**www.reuters.com**

**Developer**

**Nov 2001 - Apr 2003**

- Worked closely with a large team of Java developers at a derivatives (FX options & Interest Rate Swaps) electronic trading firm using VB6, Oracle 8i, TIBCO/Talarian SmartSockets, FpML-XML, and some VC++6.
- Modernized custom CRM desktop applications used by account managers to monitor trading activity in real-time, manage users, interact with the live trading system, and generate reports.
- Created back-office straight-through-processing (STP) system to settle transactions, process commissions, premiums, notifications, and publish data via FTP, SOAP, and e-mail.
- Created Excel add-in to stream bid/ask prices into the trading system in real-time.

**Blueground Technologies LLC – NYC**

**www.bluegroundtech.com**

**Developer / Consultant**

**Jul 2001 - Oct 2001**

- As consultant, assisted in the development of commercial inventory software (diamond trade) using Access2k and VB6. Created data entry forms and analytical charting and reporting features for the flagship application.

**Day-Timers, Inc. – Allentown, PA**

**www.daytimer.com**

**Lead Developer / Architect**

**Dec 1999 - Jul 2001**

- Led a five-person team developing a full-featured, shrink-wrapped information organizer application (PIM) for students (originally written by me in college and purchased by Day-Timers) available through retail using VB6/COM and some VC++6.
- Responsible for creating complex UI's without resorting to 3<sup>rd</sup> party controls.
- Gained full project life-cycle experience: concept, prototyping, implementation, QA and worked closely with tech support to investigate and resolve issues among thousands of users.

**The Proxy Monitor, Inc. (now ISS) – NYC**

**www.issproxy.com**

**Developer / IT Manager**

**Jan 1999 - Dec 1999**

- Developer and IT Manager for a fast-paced, corporate governance research firm in Wall Street working in VB6, Access97, VBA, FoxPro2.x, ASP, and Sybase.
- Met with clients and partners to analyze data integration/delivery and develop customized solutions to gather, process, and relate data from disparate sources (SEC EDGER, ADP, etc.), and various formats (text, SGML, Jet, FoxPro, Sybase).
- Responsible for normalizing legacy FoxPro 2.5 databases and porting them to Access and Sybase.

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## **OTHER TECHNICAL SKILLS**

### **Network Administration and Operating Systems**

- Experienced maintaining NT servers and workstations; user accounts, security, RAS, IIS, etc.
- Very comfortable dropping to the command prompt and expert writing batch files.

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## **EDUCATION AND CERTIFICATIONS**

- **CompTIA Security+ 2008** Certified
- **Binghamton University** Binghamton, NY: 9/93-12/98  
B.A. Political Science
- **Stuyvesant High School** New York, NY: 9/89-5/93