DONALD R. HANRAHAN

HOUSTON, TX
Don@WallStreetTech.com

SKILLS & ABILITIES:

- VB, VBA, C++, C#, COM, ASP.NET, HTML, XSLT, Sybase, SQL Server, Oracle, Access, Excel, SQL, XML, ADO, Python
- Trading Experience: Municipals, Treasuries, MBS, corporate bonds, equities and options
- Systems Development Experience: Equity Derivatives, Credit Derivatives
- Effectively comprehend and communicate complex ideas in easily understandable terms, both orally and in writing. Excel at writing clear, well defined technical specs for developers based on discussions with users.
- Excellent interpersonal skills: good team leader and good team member
- Excellent project manager. Keen analytical and problem-solving abilities. Knack for identifying opportunities to streamline workflows using technology
- Highly proactive, self-motivated and detail oriented.
- Proven ability to deliver in a RAD environment, or using the system development life cycle.

EDUCATION & LICENSURE:

- **NYU School of Continuing and Professional Studies**, Certificate in Object-Oriented Programming (C++)
- **Drexel University,** Completed foundation courses for MBA (14 courses equivalent to a B.S. in Business). GPA of 3.857
  Pursued career opportunities in New York rather than enter MBA program
- **Kutztown State University**, Bachelor of Arts, Geography, December, 1989
- General Securities Representative Exam, **NASD Series 7,** December, 1994 (Expired)
- Uniform Securities Agent State Law Exam, **NASD Series 63,** March, 1994 (Expired)
- Investment Co. Products and Variable Contracts Rep. Exam, **NASD Series 6,** September, 1993 (Expired)

Credit Suisse – New York, NY

03/05 – 1/2011

Vice President - Equity Derivatives Information Technology (12/08 – 1/2011)
Regional manager of Americas team with 15 direct reports. Daily objective of the support people on my team was to support the suite of applications used by our traders. These applications calculate P&L and risk for exotic equity derivatives trading books, contain a group of tools for traders to make trading decisions, valuation and risk (VaR), data warehousing, MIS for data mining, and real time data systems. Initially many of these systems used Microsoft Excel as a front end. The developers on my team had a strategic objective to transition these systems to a globally scalable n tier architecture that provides web based and API interfaces (i.e. COM and web services) as well as stateless versions of the original Excel spreadsheets. In addition to managing the team I also focused on development of new functionality, release management, and firm wide objectives such as consistent use and sourcing of dividends, volatility surfaces, correlation coefficients, other market data and risk calculation methodology.

Assistant Vice President - Equity Derivatives Information Technology (3/06 - 12/08)
Regional manager of Excel based equity derivatives risk systems in the Americas. Began with 3 direct reports and grew to 15. Team provided daily support of spreadsheet application that calculates P&L and risk for exotic equity derivatives trading books. Also responsible for transitioning trading books to a two tiered application with a stateless Excel front end that retrieves/stores data to/from server side databases.

Assistant Vice President - Credit Derivatives Information Technology (3/05 – 3/06)
Member of team that provided daily support of spreadsheet application that calculates P&L and risk for credit derivatives trading books. Develop new functionality to meet strategic objectives. This position required a great deal of interaction with traders.

TradeWeb L.L.P. (Now a division of Thomson Financial) – Jersey City, NJ

3/03 – 1/05

Assistant Vice President – Software Development
Develop Excel VBA and C++ Add-Ins (XLLs), as well as GUI and worksheet function interfaces. Software enabled clients to use real time data in Excel spreadsheets. Built installation package with InstallShield. Also developed several DLLs in C++ and a middle tier component in VB to send, receive and interpret messages in either XML or proprietary format.

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Deutsche Bank – New York, NY

2/01 – 3/03

Consultant - Developer
Develop OLAP systems and integrate applications using Excel, Access, VB, COM, Oracle and Hyperion Essbase. Work closely with clients to define specifications and design system architecture. Develop GUI tools to post user changes to cube database using dynamic SQL statements. Create tables, views, functions, triggers and stored procedures in Oracle. Develop scalable VB COM object to act as middle tier on a web server.

Lehman Brothers – New York, NY

10/00 – 2/01

Assistant Vice President - Business Analyst
Support the global fixed income trading application for P&L calculation of bonds, equities, options and futures. Prepared Excel spreadsheets to validate mathematical operations performed by application.

The Vanguard Group Of Mutual Fund Companies – Valley Forge, PA

03/93 – 10/00

Business Analyst - Access Developer (04/00 – 10/00)
Develop Access application for research of performance of trading strategies in the Municipal bond market. Portfolio managers could query monthly Lehman Brothers data dating back to 1993. The results were turned into a time series and presented in Excel as graphs and tables. This allowed fund managers to give perceptions of sector performance a "reality test". It also provided a way of compiling neutral performance benchmarks to measure against that of respective mutual funds.

Municipal Bond Trader (10/98 – 04/00)
The municipal bond desk managed 14 Vanguard municipal bond funds. Negotiated trade levels, calculated cash positions and performed regular compliance analysis. Calculate Option Adjusted Duration for all 14 portfolios using Wilshire. Perform ad hoc quantitative research for portfolio managers, mostly using Excel and VBA. Awarded annual Management Team Award (2000) for using Access to create meaningful reports from daily downloads of MSRB trades, and second Fixed Income Spot Award.

Quantitative Research Assistant (01/97 – 10/98)
Lead team responsible for generating and reporting statistics for fixed income mutual funds using Excel spreadsheets and VBA macros. Maintain and improve hundreds of Excel workbooks, graphs & macros and procedural databases in Lotus Notes. Calculate performance analysis for funds, “batting averages” for credit analysts and duration neutral performance attribution for taxable bond portfolios. Won Fixed Income Spot Award.

Registered Representative (04/94 – 01/97)
Execute trades for highest net worth and highest commission generating clients. Developed several spreadsheets to automate routine calculations made during conversations with clients. Obtained NASD Series 7.

Communications Associate (03/93 – 04/94)
Market Vanguard funds to current and prospective shareholders. Determine client’s risk tolerance and investment suitability. Obtained NASD Series 6, and NASD Series 63.