

October 9, 2009

To Whom It May Concern,

I am placing my application forward with a copy of my resume for available positions in finances, engineering, or other opportunities that match my profile where I can leverage my knowledge and consolidate your organization.

With work experience with hedge funds, brokerage firms, and systems management, combined to a solid background in finances and engineering, I am confident that I will be a valuable addition to your company. During my previous achievements and responsibilities, I have shown a proven track record dealing with investment bankers, business analysts, and managing directors in large corporations and small firms. As a productive and diligent member involved with main programs of each respective establishment, I was implicated in all stages of accelerated periods of products development in financial software engineering in conjunction with management information systems.

My communication, organization, and management abilities allow me to tackle multiple assignments with great ambition, meticulous precision, and timely manner. I am a hardworking, outstanding, and tenacious person who is focused on strong work ethics, excellent results, and consistent performance. Furthermore to my daily tasks, I enjoy expanding my knowledge beyond state-of-the-art solutions and cutting edge technologies, for which I can learn quickly and apply wisely any relevant new skills to improve and excel at work.

If it is appropriate, please feel free to submit my resume to corresponding positions, to enter my curriculum vitae in your database, and to add my email address to selected mailing lists. Should none of your job requisitions match my profile, would you be kind to judiciously distribute copies of my application to affiliates who could have an interest in my endeavors?

I wish to significantly contribute to the success of your organization, I would appreciate an opportunity for a personal interview, and I look forward to your favorable response.

Very truly yours,

CAREER PROFILE

- Searching for work in **finances, engineering**, and/or other opportunities that match my profile, where I can leverage my knowledge and consolidate the growth of your organization
- Professional with more than **ten years** of work experience with **software engineering, quantitative analysis, algorithm trading**, hedge funds, brokerage firms, and systems management
- Excellent skills for financial analysis, problems solving, proficient programming, performance tuning, quality assurance, effective communications, and efficient organization
- Technical expertise and proficiency of **Visual Studio (C/C++) C#, Java, VBA\Excel, VB.NET, XML, Access/SQL, UNIX/Linux, Perl, FIX, TCP/IP, derivatives**, quantitative and technical analysis

TECHNICAL SKILLS

<i>Finance</i>	Equities derivatives , FX, Commodities, Credit, Series 6,7,63, USA PATRIOT Act
<i>Quantitative</i>	Financial models, Technical analysis , Probability statistics, Numerical methods
<i>Software</i>	VBA\Excel , Bloomberg, Murex, Mathematica, Matlab, OriginLab, Sungard, Agile
<i>Programming</i>	Visual Studio (C/C++) , C#, VB.NET, STL, Multithread , SVN, GNU, Boost, ClearCase
<i>Language</i>	C/C++, Java, SQL, Perl , Basic, FIXML\FpML, XML\HTML, Fortran, PHP
<i>Database</i>	MS Access/SQL Server, DB2, Lotus, Oracle , Sybase, MySQL, RDBMS
<i>System</i>	Windows, UNIX/Linux/Shell scripting , RT/OS, IPC, OMS, MQ Series
<i>Network</i>	ECN Real-time , eSpeed, Hummingbird, SNMP, VNC
<i>Telecom</i>	FIX API/FAST , TCP/IP, Sockets, OC-192, Broadband, ATM <i>and much more...</i>

WORK EXPERIENCES

EMASSI, New York, NY, 12/07 ~ 1/09

Quantitative Developer - Financial Software Engineer, Career Techniques Contract

- Managed and administered enterprise distributed software systems with financial reporting and accounting
- Developed Java/C/C++ architecture of financial analytical engine for semi-automated trading systems
- Programmed C++ Interactive Comstock to handle market data (sub, snapshot, historical, tick)
- Implemented Excel\VBA\lib to analyze and test financial engine for high frequency algorithmic trading
- Designed SQL database for computer-aided data analysis to support brokers and traders

Java, C/C++, C#.NET, VBA\Excel, Visio, Boost, GNU, STL, Linux, SQL, RDBMS, SVN

DEUTSCHE BANK AG, New York, NY, 9/07 ~ 11/07

Financial Systems Analyst - Software Engineer, Phoenix Partners Contract

- Designed and developed Access databases for financial accounting and daily valuation control of the quantitative value trading fund, including studies of migration to Oracle with Trading P/L
- Programmed and developed VBA\Excel software for control report on GED Imagine derivatives

Access SQL, VBA\Excel, Windows, Bloomberg, Imagine Trading System, Oracle PL/SQL

BBVA SECURITIES, New York, NY, 4/07 ~ 8/07

Management Consultant - Financial Software Engineer, Michael Page International Contract

- Design and developed VBA\Excel software applications for financial accounting of general ledgers
- Programmed databases applications on Access and SQL Server for securities settlements
- Performed business analyst tasks for operations and support of FX/Bonds trading and securities holdings
- Provided consulting on company's management information system and software development programs

Access/SQL Server, VBA\Excel, C++, AS/400, Murex, Bloomberg, Sungard, USA PATRIOT Act

RAM CAPITAL RESOURCES, New York, NY, 2/07~ 4/07

Director of Operations - Systems Engineer, Contract

- Managed accounting, operations, and information technology for all three hedge funds of the company
- Executed valuation of derivative positions of all funds on Bloomberg, Excel, Edgar
- Provided trade support, evaluated transactions reports, and compiled records on deposits and withdrawals
- Implemented and decoded automated Excel table integrated with Bloomberg for warrant valuation process

Windows XP, Excel, Access, Mitel, Avaya, ACT, Adobe, Bloomberg, SEC, Edgar

MCO CAPITAL MANAGEMENT, New York, NY, 12/06 ~ 2/07*Quantitative Developer - Software Engineer, Contract*

- Provided financial analysis and trade support for quantitative fund affiliated with Man Financial, including fundamental, technical, quantitative, strategic, market, research, risk, and system analysis
- Analyzed and programmed automated trading system for fixed income and commodity futures in Java/C/C++, implementing POSIX multithreading and API's for connection to ICE on FIX protocols.
- Architected SQL relational database with programming interfaces for embedded SQL in C
- Designed and developed on PL/pgSQL programming, C shell scripting, and Debian GNU/Linux, real-time embedded applications for capture of order types and market data from BrokerTec and eSpeed

Java, C/C++, STL, threading, GNU/Linux, FIX, SQL, RDBMS, VBA\Excel, Access, Visual Studio

MAX INTERNATIONAL BROKER DEALER, New York, NY, 11/05 ~ 9/06*Account Executive - Systems Engineer*

- Performed financial analysis, investment sales, trade support for account executive and corporate client
- Conducted research analysis on equities, derivatives, options, pricing, strategies, volatility and Greeks
- Developed software programs in VBA\Excel from quantitative analysis of real-time market data
- Installed, supported, and evaluated software applications, training materials and web-based tools
- Maintained and marketed company's website in XML/HTML with status report of content management

VBA\Excel, Access, STC, StreetScape, Fidelity, Bloomberg, Reuters, NASD/FINRA Series 7, 63

PRIMERICA, A MEMBER OF CITIGROUP, Hempstead, NY 11/03 ~ 12/08*Financial Analyst - Investment Advisor*

- Presented financial products and trainings to educate members to develop investment business
- Provided sales management and customer services, recruited and trained employees for network marketing
- Performed sales marketing of financial products, including life insurance, mortgage loan, investments, etc.

Microsoft Windows NT/2K/XP, DOS, Office, Word, Excel, Internet Explorer, NASD/FINRA Series 6

IBM TJ WATSON RESEARCH CENTER – SYSTEM TECHNOLOGY, Hudson Valley, NY, 8/03 ~ 2/05*Senior Software Systems Engineer, Seasonal Contracts*

- Designed, developed, and documented software applications in Linux/UNIX and Java/C/C++ programming
- Analyzed and administered Linux/UNIX/Windows for performance tuning of clustering system management and grid distributed computing technologies
- Programmed and developed software applications for testing automation and system administration
- Implemented on multiplatform system (AIX/UNIX, Red Hat/GNU Linux, Windows XP/2k) modules of integration codes for clustering system management
- Analyzed performance metrics and capture alerts of simulation models for escalation resolution
- Developed applications for automation of data mining analysis on OriginLab and Mathematica
- Ensured firewall and network security for authentication, encryption, non-repudiation, and integrity control
- Configured and integrated Lotus Notes database and Global Storage Architecture (GSA/NAS/SAN)

Lotus Smart Suite, Excel, OriginLab, Matlab, Mathematica, UNIX, Linux, Windows, Java/C/C++, STL, TCP/IP, AT&T VNC, Hummingbird, DB2, SAN, GSA

EMPLOYMENT HISTORY**EMASSI**, *Career Techniques Contract, Financial Software Engineer, NY, 12/07 ~ 1/09*

Designed and developed quantitative algorithm trading systems in Java/C++/SQL on Linux\Windows

CASTLESTONE MANAGEMENT, *Robert Half Contract, Financial Software Engineer, NY, 11/07 ~ 12/07*

Developed VBA\Excel applications on Windows/Linux and TCP/IP network connectivity to Goldman Sachs data

DEUTSCHE BANK AG, *Phoenix Partners Contract, Financial Software Engineer, NY, 9/07 ~ 11/07*

Designed and developed software and databases for quantitative trading fund with VBA\Excel and SQL/Access

BBVA SECURITIES, *Michael Page International Contract, Financial Software Engineer, NY, 4/07 ~ 8/07*

Design and developed software for financial reporting and general ledgers with VBA\Excel and SQL/Access

RAM CAPITAL RESOURCES, *Contract, Director of Operations - Systems Engineer, NY, 2/07~ 4/07*

Managed accounting, operations, and information technology for all three hedge funds of the company

MCO CAPITAL MANAGEMENT, *Contract, Programmer Analyst - Software Engineer, NY, 12/06 ~ 2/07*
Designed and developed high frequency algorithm trading systems with C/C++, SQL, FIX API on Linux\Windows

MAX INTERNATIONAL BROKER DEALER, *Account Executive - Systems Engineer, NY, 10/05 ~ 11/06*
Performed financial analysis, investment sales, trade support for account executive and corporate client

STRYKER, *TechLink Contract, Systems Administrator - Engineer, NJ, 3/05 ~ 9/05*
Performed UNIX/Linux systems administration, engineering management and technical support

IBM SYSTEM TECHNOLOGY GROUP, *CTG Contract, Senior Software Engineer, NY, 10/04 ~ 2/05*
Administered and analyzed Linux\UNIX\Windows for high-performance tuning of cluster system management

IBM TJ WATSON RESEARCH CENTER, *Gonzer Contract, Engineer, NY, 1/04 ~ 9/04*
Performed research analysis, provided database administration, and programmed automated testing systems

PRIMERICA, A MEMBER OF CITIGROUP, *Financial Analyst - Investment Advisor, NY, 11/03 ~ 12/08*
Performed financial analysis, provided customer services and recruited investment advisors for network marketing

IBM SYSTEM TECHNOLOGY GROUP, *Sykes Contract, Systems Engineer, NY, 8/03 ~ 11/03*
Analyzed and administered Linux/UNIX systems for implementation of grid computing technologies

SYCAMORE NETWORKS, *Research and Development, EDA Support Engineer, MA, 11/00 ~ 1/02*
Developed test plan for telecommunication optical network and administered software system on UNIX\Windows

GENERAL DATACOMM, *Associate Hardware Development Engineer, CT, 4/00 ~ 11/00*
Designed, developed, and documented ATM Broadband systems and Management Information dataBase

IBM MICROELECTRONICS, *CDI Contract, Technical Staff Member, VT 11/99 ~ 4/00*
Performed engineering research analysis and programmed software systems for automation testing

MIROTECH MICROSYSTEMS, *Software Support Engineer, CA, 10/98 ~ 5/99*
Designed, developed, and documented multi-cores parallel processing and high-performance embedded systems

FUTURE SHOP, *Technical Support - Sales Representative, CA, 7/99 ~ 11/99*
Provided technical sales and telemarketing, supervised employees, and developed new business

NATURAL RESOURCES CANADA, *Internship, Research Analyst, CA, 5/96 ~ 9/96*
Wrote and presented two case studies to promote UN protocols at the International Energy Agency conference

DEPARTMENT OF NATIONAL DEFENCE, *Internship, Communication Policies Officer, CA, 8/95 ~ 12/95*
Provided clerical and administrative support to the Director General Environment on resource conservation

CONCORDIA UNIVERSITY, *Faculty of Engr. & Comp. Sc., Computer Systems Assistant, CA, 6/90 ~ 9/91*
Provided administrative and technical support to professors, graduated students, and systems administrators

OTHER EXPERIENCES Technical sales, Telemarketing, Broadcasting, etc.

EDUCATION

UNIVERSITY OF MASSACHUSETTS, *MBA tentative in finances*

CONCORDIA UNIVERSITY, BEng Telecommunications Electronics aka Computer Networks, 9/95 ~ 12/98
Licenses: FINRA Series 6,7,63. (Pending Life, Accident and Health Insurances. Mortgage Loans. Real Estate)
Certifications: IBM/SS Linux UNIX. Mentor Graphics Innoveda. Xilinx. Future Shop Sales.

Additional: Award for Highest GPA of the Year. Canadian citizen with TN work permit for the USA. Fluent in English, French, and Vietnamese; basic knowledge of Spanish and Chinese. Open to consulting, contract, permanent, full-time, and part-time jobs.

References Available Upon Request

