**Michael Wang, CFA**

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**Objective**

Successful financial professional eager to apply strong industry knowledge and experience toward launching a successful career with a dynamic organization offering opportunities for professional growth in recognition of superior job performance.

**Profile**

* Offer extensive practical and theoretical background in Financegained through extensive academic studies as well as applied experience in professional settings (a CFA charter holder and member of New York Society and Hartford Society)
* Strong knowledge in broad range of financial practices and principles ranging from financial analysis, valuation, capital markets, financial modeling, risk analysis, asset allocation, portfolio management, analytics, equity derivatives, fixed income derivatives, credit derivatives, structured products and exotics
* Excellent skills and experience in Project Initiation Documents, Business Requirements Document (BRD), Use Case Specifications, and Functional Specifications Document(FSD)
* Outstanding ability to handle Workstream Meetings, Workgroup Meetings and PMO Meetings; extensive experience in Project Planning, Project Score carding and dashboard, and Project Management
* Broad experience in Database including their functional and technical architecture of Data Flow Diagram, Entity Relationship Diagram, Work Flow Diagram, Data Mapping, and Messaging
* Strong experience in MarketRisk including Greeks – Delta, Gamma, Rho, Theta and Vega; VaR 99%-1-day and 95%-5-day; Stress Testing – Black Monday, Asian Crisis, LTCM Crisis, Nine Eleven, Failure Institution and EU Debt Crisis; Liquidity Risk – Effective Trading Volume analysis; Sector and/or Country concentration analysis.
* Strong experience in Credit Riskincluding CE, PE, EEPE and EAD; rating, PD and LGD methodology; regulatory reporting and risk committee reporting; Basel I, Basel II capital reporting
* Solid understanding of Financial Market and Derivatives Market including Forwards, Futures, Options, Swaps, Structured Products and Exotics; Familiar with Cost of Carry Model, Binomial Tree Model, Black-Scholes-Merton Model, and quantitative methodologies
* Excellent Team Player, worked in conjunction with other QA testers, developers and other team members in validation and testing complex scenarios and projects and in the maintenance of Quality Standards in Projects

**Education**

**Master of Science, Finance** The University of Texas at San Antonio 2006  
**Bachelor of Science, International Finance** Shanghai Jiao Tong University 2000

Excel/VBA, SQL Query, Microsoft Word/Access/PowerPoint/Project/Visio; MATLAB, C++, Bloomberg, Python

**Professional Experience**

**UBS Investment Bank, Stamford, CT** Mar’09 – Present

As one of the world’s premier advisory and securities businesses, the firm provides clients with expert advice, innovative solutions, outstanding execution and access to the world’s capital markets. It employs some 15,000 people in 30 countries.

**Senior Business Analyst/Project Manager (consulting), Equities and Derivatives IT**

Lead efforts delivering new capabilities and processes around exposure management, trading support and risk/P&L reporting for equity and equity derivatives. Report to GED IT PMO and lead 3 onsite professionals and an offshore team.

* Lead front office efforts and projects for new trading products, valuation enhancements, PnL scalloping, PnL risk alignment, counterparty risk, real-time risk, independent valuation and stress scenarios.
* Coordinate effectively with partners and stakeholders, including trading, valuation, Risk, Finance, and Quants to identify and implement solutions to support business requirements of trading, risk control, and product control and to address issues of pricing error, valuation error, inaccurate risk or PnL
* Responsible for creating and reviewing business requirements, functional specifications, project schedules, documentation and test plans. Involved in system design and function design for various projects
* Responsible for defining project milestones and delivery schedules, and tracking and monitoring the process through work group meetings
* Work effectively with development team and QA team on unit testing and QA testing to accomplish timely release objectives. Assist users on User Acceptance Testing (UAT), develop and maintain quality procedures, and ensure appropriate documentation is in place
* Lead investigation and troubleshooting for Production and new functionalities, including valuation, product analysis, market data analysis, sensitivity analysis and general processing. Manage Front Office model sets and versions for trading desks. Work closely with Quant team on model upgrade and model validation

**Morgan Stanley, Manhattan, NY** May’08 – Feb’09

Morgan Stanley is a global financial services firm that, through its subsidiaries and affiliates, provides its products and services to a large and diversified group of clients and customers, including corporations, governments, financial institutions and individuals. As one of the top investment banks in the world, the company employs over 60,000 people worldwide.

**Senior Business Analyst, Risk Management**

Reported to firm level risk management team and successfully delivered credit risk management system and risk reporting tools.

* Leaded the projects of building tools to report credit risk and counterparty risk exposures to senior management and regulators including SEC and Fed.
* Compiled various risk reports for risk management team to monitor and analyze risk and counterparty exposures, and to set country concentration limits, counterparty exposure limits and credit limits.
* Gathered business requirements through interviews and meetings. Understand and articulate business requirements from risk managers and then translate requirements into functional specifications
* Interacted with SME’s of different divisions (Information Technology, Risk and Operations) and established business analysis documents
* Worked closely with developer on analyzing data, the existing system and process to design the database logic, entity relationship, data mapping, data loading procedure and messaging with other system

**Merrill Lynch, Manhattan, NY** Mar’07 – Apr’08

Merrill Lynch, through its subsidiaries, offers capital markets services, investment banking and advisory services, wealth management, investment management, insurance, banking and related products and services on a global basis. The company was acquired by Bank of America in 2008.

**Business Analyst/ Project Manager (Consulting), Equity Financing and Risk**

Reported to PMO of global equities and derivatives IT and risk manager of prime brokerage business.

* Hosted workstream meetings to discuss the strategic plan, prioritize projects, analyze system performance and monitor projects with high level business side and technology side; Hosted workgroup meetings to discuss project status, resource allocation, defects and enhancements, and ongoing issues
* Prepared project initiation proposal with System Analysis, Cost and Benefit analysis, and budget financial analysis; Handled project planning, resource allocation, dev task assignment and project monitoring
* Gathered business requirements through interviews, surveys, and meetings and interacted with SMEs and various stakeholders of the projects
* Responsible for the completion of projects within specified time and budget dealing with financials, project work flow, change management and dealing with vendor relationships
* Integrated an external risk calculation system into internal risk management system by identifying management requirements and implementing automatic information upload
* Performed System and Integration Testing along with testers. Conducted UAT with the business. Assisted with Test Cases and developed strategies with Quality Assurance group to implement them. Efficiently responded to client inquiries and resolved discrepancies

**American International Groups (AIG China)** 2002 – 2004

**Business Analyst/Project Manager**

* Recruited by company to apply analysis and development expertise toward identify and resolve business and information management inefficiencies and provide technical solutions
* Successfully delivered an internal business management and sales analysis system as a project manager

**HX Certified Public Accountants, China** 2000 – 2002

**Auditor/Project Manager**

* Effectively applied knowledge of financial practices and principles toward analyzing client financial data and statements as a financial analyst