Mark Abelson

Dallas Fort-Worth Metroplex
Phone: (973) 362 – 5774
E-mail: mark.abelson.work@gmail.com
Personal website: www.mabelson.info
Business website: www.diamondbladeanalytics.com

Accomplished specialist in quantitative analysis, workflow automation, project management, and derivatives valuations. Proven ability to lead specialized operations teams in banking, focused on valuing complex securities with excellence and effectiveness. Skilled in empowering business owners and corporate professionals with custom automation tools, digital solutions, and intelligent automation mentorship to drive operational excellence and achieve strategic goals.

SKILLS

Macro Development, Microsoft Office Suite, Python Programming, Workflow Automation and Process Optimization, Quantitative Finance, Project Coordination and Execution, Data Governance, Derivatives Pricing Analysis, Strategic Financial Modeling, Financial Engineering, Business Intelligence Reporting, Financial Data Analysis, Financial Reporting and Insights, Power BI, Tableau, WordPress Management, C# Development, SQL, Website Development, Financial Accounting, Managerial Accounting, Investigative Research, Bloomberg Terminal, Business Analysis, Database Administration, API Integration and Management, Team Leadership and Management, Strategic Problem-Solving, Effective Communication, Collaborative Team Development, Strategic Relationship Management, Leadership and Influence, Attentive Listening and Focus, Strength under Pressure, Self-driven and Initiative-taking, Time Management Excellence, Analytical Reasoning

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PROFESSIONAL EXPERIENCE

Diamond Blade Analytics, Remote April 2023 – Present
Owner, Workflow Automation Specialist

- Workflow Automation and Consulting: Design and develop advanced process automation solutions to enhance operational efficiency for clients, involving custom tool creation, strategic advisory, and process optimization tailored to their needs.
- Mentorship and Education: Deliver hands-on mentorship to clients, empowering them with the knowledge and skills to leverage workflow automation technologies effectively, promoting a culture of continuous learning and strategic development.
- Digital Solutions Development: Develop and enhance custom website designs, standalone applications, refine processes, and provide data-driven insights through advanced reporting, focused on elevating business outcomes and optimizing workflows.
- Artificial Intelligence Integration and Quality Assurance: Implement API integrations, integrate artificial intelligence methods, and execute comprehensive quality assurance and testing to guarantee seamless system functionality and reliability.

State Street Corporation, Remote April 2022 – April 2023
Manager

- Operational Leadership and Team Growth: Managed daily operations and mentored team members in professional growth, working in conjunction with senior management to restructure group practices for increased efficiency and productivity.
- Automation and Process Optimization: Designed and implemented automation tools for derivatives pricing, drastically cutting manual effort and enhancing time efficiency by automating complex financial processes and streamlining workflows.
- Knowledge Empowerment and Leadership: Cultivated a deeper understanding of derivatives, financial principles, and coding among team members through targeted educational sessions, resulting in improved product knowledge and productivity.
- Critical Pricing Execution: Efficiently managed crucial pricing processes. Verified vendor prices, coordinated confirmations, and resolved inquiries within the tight pricing window, ensuring accurate derivatives valuations and strict compliance.

JPMorgan Chase & Co., Plano, Texas June 2021 – November 2021
Fund Servicing Analyst

- Innovative Pricing Tool Development: Collaborated in creating a Total Return Swap price analysis tool, drastically reducing discrepancies by 90%, and streamlining the daily review process, ensuring market price accuracy and operational efficiency.
- Vendor and Counterparty Liaison: Acted as the primary resource for effectively resolving pricing and trade discrepancies, consistently delivering exceptional customer service, and significantly strengthening trust within the operational network.
- Junior Analyst Mentorship and Development: Guided junior analysts in coding and advanced automation, significantly enhancing team capabilities through focused educational and brainstorming sessions for continuous process improvement.
- Bloomberg Terminal Analytics: Utilized the Bloomberg terminal for derivatives modeling, ensuring accuracy in pricing and market research. Diligently validated vendor-provided valuations, maintaining precision within sensitivity measures.

The Bank of New York Mellon, Manhattan, New York January 2019 – December 2020
Analyst, Data Management and Quantitative Analysis

- Comprehensive Derivatives Management: Expertly managed the complete lifecycle for over $30 trillion in OTC derivatives, including swaps and options, ensuring trade accuracy from booking to BAU processes, pivotal for precise financial reporting.
- Automation and Coding Development: Mastered coding to automate a broad range of manual tasks, encompassing both regular and supervisory functions, significantly boosting efficiency, enhancing workflow precision, and reducing manual workload.
- Pricing Window Leadership: Efficiently led end-of-day pricing activities in a fast-paced environment, coordinating closely with accounting teams, clients, and vendors to meet NASDAQ deadlines, consistently excelling in accuracy and speed.
- Mentorship and System Testing Involvement: Effectively mentored analysts in coding and automation, significantly enhancing team skills; proactively involved in UAT for new system features, ensuring seamless operational integration and excellence.

One Call Care Management, Parsippany, New Jersey   January 2018 – December 2018
Billing Associate
- Medical Record Analysis: Diligently conducted thorough examinations of patient medical records, expertly converting complex medical procedures and diagnoses into precise alphanumeric codes to facilitate accurate, efficient, and timely billing.
- Rate Calculation: Leveraged Excel's capabilities for meticulous sourcing of rates and fees, ensuring precise calculations of contracted rates and maintaining alignment with negotiated agreements for optimized revenue cycle management.
- Coding Challenge Resolution: Utilized online platforms to address complex coding challenges skillfully and effectively by referencing ICD and CPT codes, contributing to precise billing practices, and promoting efficient, prompt payment processes.
- Billing Information Accuracy: Proactively identified and meticulously rectified inaccuracies in billing information, either directly or through coordination with team members, ensuring the maintenance of data integrity within the records system.

EDUCATION

Rutgers University   Graduated: May 2016
Bachelor of Economics

County College of Morris   Graduated: August 2014
Associate in Business Administration