Michael W. Elmore

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Proven senior technology leader in multiple industries with an emphasis on financial services. Thrives in high energy, rapid change environments. Highly comfortable with ambiguity and seeks out challenging situations. Equally skilled in leading successful teams and hands-on development.

Interested in CTO or Senior Director roles in startup or progressive organizations, especially those focused on evangelizing data and analytics capabilities to help drive data-driven planning and decision making.

[01/2018 – Current]   [Crows Nest Capital LLC]   [Chicago, IL]

Founder and CTO

- Built CNC's fully functional, institutional quality automated trading system from data acquisition to execution and reporting specialized for the cryptocurrency space
- Founded Crow's Nest Capital with a partner 1/9/2018 to capitalize on opportunities trading this new market
- Gained expert knowledge on the unique capabilities and caveats of an ever growing list of exchange venues
- Providing market leadership and participating in the development of the cryptocurrency space
- Using CNC's powerful data analytics platform, working to build profitable trading strategies

[11/2016 – 12/2017]   [Citadel]   [Chicago, IL]

Head of Historical Data

- Joined as an agent of change for the hedge fund's historical data operations
- Tasked with evaluating operations, advising new CTO leadership, and providing a modern design for the space
- Worked with new trading and execution leadership to launch their new NextGen execution system's development
- Wrote the first iteration of q/KDB framework to get historical data and aggregation off the ground for NextGen
- Assembled the first development team with the skills to develop and deliver modern data capabilities going forward

[07/2009 – 10/2015]   [Bank of America Merrill Lynch]   [New York, NY]

Head of FICC KDB – FICC Electronic Trading Data Analytics

- Pitched, built, and led the global FICC eTrading data analytics project and teams
- Worked with all the business technology and trading desk heads to define needs, implement solutions, sell benefits, prove return on investment, and grow data coverage and usage of the data system and analytics products
- Delivered standard access and query frameworks to allow for Agile development of data use from all areas of trading, quant analysis, research, and compliance technology at the firm
- Delivered the first cross product real time big data store of market, trade, and order data at the firm
- Managed the xFICC teams and dotted line product silo business partners into a cohesive unit with agile delivery
- Delivered the multi instrument q/kdb/hadoop analysis infrastructure for FICC trading
- Through a low latency AMPS based messaging framework, grew real time daily data input to over 900 feeds and volume to 6 terabytes/3.2 billion points per day

[06/2008 – 07/2009]   [MediaTec Publishing]   [Chicago, IL]

Web Manager

- Managed the publishing web team, the Linux web and development environment, and database systems
- Implemented and managed magazine email newsletter operations
- Managed the web operations budget, return on investment determination, and budget roadmap
- Designed and managed the implementation of the firm's first content management system greatly improving quality, reducing costs, and increasing author efficiency

| [01/2008 – 06/2008] | [Hannah Marine Corporation] | [Lemont, IL] |

Head of Technology

- Maintained and revitalized communication, navigation, and tracking equipment on all tugs and bulk carriers
- Created a formal IT budget and future spend projection based on the corporate strategy
- Developed a web application to automate vessel payroll, data tracking, and overtime reporting

| [10/2007 – 01/2008] | [American Surveying and Engineering] | [Chicago, IL] |

Survey Technologist

- Handled and trained a FTE to handle operational and technical issues with the servers, engineering stations, and electronic survey equipment at all ASE locations.
- Assisted in survey field operations as time allowed

| [05/2004 – 08/2005] | [UBS Alternative and Quantitative Investments] | [Chicago, IL] |

Senior System Engineer - Consultant

- Designed, developed and operated Antibody, a web based, user customizable system to display near all types of trade, position, pnl, and risk data in real time
- This was an end to end replacement of an antiquated system from proof of concept, trading desk relationship building, development, user acceptance lobbying, and benefit accounting.

| [04/2003 – 05/2004] | [Bank of America] | [Chicago, IL] |

VP – Senior Analyst – Application Programming

- Maintenance and level 1-2 support for the DataSynapse GridServer system in IR swap technology
- Designed, developed, and implemented the BRS system and suite of tools in rates development
- Contributed to tools development to manage the very large rates technology hardware environment

| [05/2001 – 12/2002] | [UBS-O'Connor, LLC] | [Chicago, IL] |

Senior System Engineer - Consultant

- Designed and developed an advanced multi venue polling algorithm for detecting and acting on market moves
- Contributed to the C++ development of MarketMash, a real time distributed risk management system
- Developed a JAVA/JSP based application to interpolate Greek and implied values for analyst estimates

| [08/2000 – 03/2001] | [HiGHKU, Inc.] | [Palo Alto, CA] |

Systems Engineer - Consultant

- Designed and developed a fully distributed global network application management system
- Designed and developed HiGHKU's communication access layer protocol
- Setup and administration of the US development network and systems

| [08/1999 – 08/2000] | [CCC Information Services] | [Chicago, IL] |

Product Developer - Consultant

- Developed a high-speed company structure parser and a SNMP agent for the QAAR2000 project
- Developed a XML/XSL to MIME encoded HTML transformation for TotalLoss2000
- Setup, administration and maintenance of the development internet firewall as well as five Sun Enterprise development servers

| [08/1998 – 08/1999] | [Electro-Motive Division, GM] | [LaGrange, IL] |

Senior Systems Administrator

[11/1997 – 08/1998]	[OpenPort Technology]	[Chicago, IL]
[05/1997 – 11/1997]	[Allegiance Healthcare]	[Waukegan, IL]
[07/1996 – 05/1997]	[OSF Saint James Hospital]	[Pontiac, IL]
[01/1996 – 07/1996]	[Illinois State University]	[Normal, IL]

Additional Team Accomplishments

- Several Chicago Yacht Club Race to Mackinac's with several boats and crews
- 2008 Acura Key West Race Week - 3rd Overall – PHRF 3 – Jack-A-Roe (US25255)
- 2007 Boat of the Year Overall - Lake Michigan Sail Racing Federation – Area III – Jack-A-Roe (US25255)