

# JOHN KING

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## Objective:

Leverage technical skills, analytics and financial knowledge while performing quantitative portfolio management. Focused on converting research into actionable strategies with high quality results.

## Skills:

- **Datasets:** Fundamental, analysts & market data, optimization, trading, performance reporting
- **Finance Tools:** Chares River OMS, Blomberg Terminal, DAPI / SAPI, Refinitiv Elektron & QAI
- **Databases / Data Stores:** Microsoft SQL Server, Snowflake, MySQL, Redis, MongoDB
- **Programming:** Python, R, C#, T-SQL, Tableau, SPSS, JavaScript, CSS, HTML5
- **Analytics:** Regression, outlier detection, classification, clustering, dimensionality reduction

## Experience:

- **2017 - Present:** Acadian Asset Management - Model Integration (Embedded within the Equity Alternatives team)
  - » VP, Lead Analyst, Integration (2020 - Present)
  - » VP, Senior Analyst, Integration (2019 - 2020)
  - » AVP, Senior Analyst, Integration (2017 - 2019)
    - Built and maintain a large data cache and abstraction layer that exposures universes and data elements
    - Technical lead within the group with stewardship responsibilities over the equity alternatives Python framework
    - Design and build of portfolio objects with collections of reusable analytic functions for centralized analysis
    - Directly involved with new strategy design, testing and implementation - from conception to live trading
    - Perform research on alpha & risk factors, trading and alternative data sets as well as near-term trading signals
    - Developed and maintained a nightly job cycle with automated reporting on exposures, positioning, attribution and more
    - Work directly with the internal trading desk while rebalancing, including monitoring liquidity events, hedging requirements and other market impacts
    - Designed bidirectional integration with Bloomberg exposing functionality on the terminal and through Server API

• **2012 - 2017:** Acadian Asset Management - Information Technology

» AVP, Manager, Software Engineering (2014 - 2017)

» Senior Software Engineer (2012 - 2014)

- Lead a software engineering team consisting of 7 developers focused on large transformational projects
- Interacted with and provided technical support to the front office research, trading and portfolio management functions
- Intimately involved in the documentation and reengineering of the trading life cycle
- Integrated new data with existing sources including semi-structured broker and text data
- Built and maintained an Operational Data Store and Data Marts to support reporting and analytics
- Led modernization efforts to standardize data access and adopt new tools for visualization and analytics

**2008 - 2012:** Monster.com

» Manager - Global Data Warehousing (2011 - 2012)

» Senior Data Warehouse Developer - Global Data Warehousing (2010 - 2011)

» Data Warehouse Developer - Global Data Warehousing (2008 - 2010)

- Experience spanned individual contributor, team lead to managing 12 developers globally in support of the global data team
- Built and maintained Operational Data Stores, Data Warehouses and Data Marts to support both internal and customer facing analytics
- Designed large scale transactional data processing pipelines to ingest data in near real-time
- Leveraged knowledge of the Internet, Advertising and Fees business to successfully model data in support of analytics
- Followed a rigid product release cycle with classic SDLC processes, automated code testing and promotion

• **2000 - 2008:** Southworth International

» Applications Developer II (2007 - 2008)

» Developer / Administration (2005 - 2006)

» Senior Systems Technician (2002 - 2004)

» Systems Technician I (2000 - 2002)

- Directly responsible for the technical infrastructure covering multiple sites across the country
- Built and maintained custom software to integrate ERP data directly into CAD systems
- Developed a data warehouse system to centralize and automate reporting and ad-hoc analytics
- Delivered automation software to multiple business units to streamline processes and improve data capture

**Education:**

• **2020 - 2024 (expected)** Northeastern University - BS Analytics

• **1998 - 2000** SMTC - Computer Technology - Associates Degree

• **1994 - 1998** Cony High School

**References:**

Available upon request