

JOSEPH D. CURSIO

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SUMMARY

A quantitative analyst and programming professional with over 18 years of experience in global financial services and business consulting as well as institutional equity management. Excels in financial research, servicing quantitative money managers, and auditing & improving an equity valuation model. Additional strengths include programming expertise, conducting empirical research, and financial accounting knowledge. Recognized as a diligent, thoughtful, creative problem solver.

PUBLICATIONS

“Nonparametric Factor Analytic Risk Measurement in Common Stocks in Financial Firms: Evidence from Korean Firms,” (coauthor), to be presented at the 2013 Annual Meeting of the Financial Management Association, available at SSRN (<http://ssrn.com/abstract=2166469>).

“Nonparametric Factor Analytic Risk Measurement in Common Stocks in Korean Financial Firms: An Empirical Perspective,” (coauthor), presented at 2012 Conference of the Asian-Pacific Journal of Financial Studies.

RECENT EDUCATION

Stuart School of Business, Illinois Institute of Technology, Chicago, IL **2011-present**
PhD Student in Business Administration

Course Highlights include Corporate Finance, Financial Theory, Risk Management, Statistics & Econometrics, Linear & Dynamic Optimization, and Economics & Game Theory.

Stuart School of Business, Illinois Institute of Technology, Chicago, IL **2009-2011**
Master of Science in Finance

GPA: 4.0/4.0, Elected to Beta Gamma Sigma

Course Highlights include Quantitative Investment Strategies, Equity and Equity Derivatives Trading, Valuation and Portfolio Management, High Frequency Trading, FX and Fixed Income Trading, Computational Finance.

Risk Manager for Stuart Investments, Chicago, IL **2010-2011**

A student-run equity fund with over \$300,000 under management

- Founded the risk management team.
- Mentored risk team on risk and factor models.
- Implemented Value at Risk (VaR), mean-variance Portfolio Optimization, Performance Attribution, and equity Risk Factor model.

PROFESSIONAL EXPERIENCE

Stuart School of Business, Illinois Institute of Technology, Chicago, IL **2012-present**
Adjunct Professor **2012-present**

- Teaches Masters-level finance class: Modeling in Excel

Credit Suisse, Chicago, IL **1996-2009**
A world leading financial services company

- Vice-President, Quantitative Strategist** 2002-2009
- Contributed to 6 million in revenues by increasing client acquisition and retention with subject matter expertise and quantitative technical support.
 - Provided sample back test results using proprietary quantitative data
 - Advised quantitative equity clients on how to better use equity DCF valuation model
 - Co-authored and provided empirical evidence for Market Strategy Commentaries:
 - “The HOLT Case for Japan”
 - “Here’s what you need to know about the Equity Risk Premium”
 - “Deconstructing Aggregate CFROIs”
 - Increased client confidence and the internal consistency of quantitative data supplied to money managers by implementing quality control processes.
 - Provided data to institutional equity quantitative clients
 - Updated CFROI (return metric) mean-reversion process
 - Improved growth forecast of equities within the DCF valuation model

HOLT Value Associates, Chicago, IL (purchased by Credit Suisse) 1996-2002
A boutique firm leading in value based management for portfolio advisory services.

- Director of Quantitative Research** 2000-2002
- Contributed to 2 million in revenues by increasing client acquisition and retention with subject matter expertise and quantitative technical support.
 - Increased client confidence and the internal consistency of quantitative data supplied to money managers by implementing quality control processes.
 - Provided data to institutional equity quantitative clients
 - Advised quantitative equity clients on how to better use equity DCF model
 - Researched and Implemented proprietary CFROI fade (return-metric mean reversion process)

- Research Programmer** 1996-2000
- Implemented firm’s pro-forma back test data process
 - Data processing of vendor fundamental data into proprietary database
 - Implemented DCF Valuation Models standardizing international accounting differences
 - Researched and implemented proprietary Market Implied discount rate process
 - Implemented backtest process: pro-forma simulation of different versions of equity DCF model on past data

Boston Consulting Group (BCG), Chicago, IL 1987-1996
A diverse and global business consulting group

- Research Programmer** 1991-1996
- Implemented DCF Valuation Models standardizing international accounting differences

- Programmer** 1987-1991
- Programmed data processing of vendor fundamental data into research database

PREVIOUS EDUCATION

Illinois Institute of Technology, B.S. Computer Science GPA: 3.3/4.0 1984-1988

PROGRAMMING EXPERTISE

Programming languages: FORTRAN, Visual Basic & VBA, Python, Java, reading knowledge of C++.
 Statistical Packages: SPSS, Matlab, R, Stata.