

Peter Rizzi

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WORK EXPERIENCE

CACI International, Inc.

June 2015-Present

Statistician 1

- Develop and implement predictive analytics models on large datasets
- Ensure analytics models learn from incoming data to adapt predictions accordingly
- Apply Model Based Systems Engineering (MBSE) for requirements derivation and systems design
- Improve MBSE model management through process automation
- Perform requirements analysis and system design for an accounting rules engine and rule management

Red River Computer Company

Summer 2013, 2014

Business Analyst Intern

- Develop automated reporting system using Visual Basic within Excel
- Perform historical market and contract research for beneficial contracting opportunities
- Collect internal business metrics and analyze through Excel modeling
- Write influential government contract proposal compositions

EDUCATION

B.S. Economics, B.S. Mathematics, George Mason University, Fairfax, VA;

Cumulative GPA of 3.84, Magna Cum Laude

Related Coursework:

Advanced Linear Algebra, Numerical Analysis I and II, Differential Equations, Vector Calculus, Regression and Time Series, Probability, Statistics, Actuarial Modeling I and II, Financial Derivatives
Financial Mathematics, Intermediate Microeconomics, Public Policy and Economics, Econometrics

HONORS AND AWARDS

Mercatus Center Joseph Schumpeter Fellow, 2014 - 2015

- Fellowship for undergraduates to study classical and contemporary topics in political economy

Oxford Honors Program, 2014

- Study abroad semester at Oxford University for Economics

Society of Actuaries Exams Passed

- Exams 1/Probability, 2/Financial Mathematics

George Mason University Merit Scholarship, 2011

- Awarded for scholarly achievement in high school and covers 50% of tuition costs

LEADERSHIP AND STUDENT ACTIVITIES

- Lifetime Active Member of Phi Kappa Phi Honor Society
- International Fraternity of Delta Sigma Pi, Mu Tau Chapter, 2012 – Present
 - Member of Executive Committee for calendar year 2013
- LeaderShape course, Summer 2012
 - Leadership and community building through LEAD office of George Mason University
- Alpha Lambda Delta Honor Society, George Mason University, 2012 – Present
- George Mason Men's Club Soccer Treasurer 2011 – 2012
- George Mason Honors College, 2011 – 2015
- Captain of two state championship soccer teams, 2009, 2011

SKILLS

- Deductive Reasoning and attention to detail
 - Mathematical, Computational, and Economic theory
- Excel spreadsheets
 - Tables, graphs, and reports for complex science, accounting, and finance problems
 - Advanced macro and custom function experience
- Computer Programming
 - Python, Java, SQL, T-SQL, JavaScript, RapidMiner, VBA, MATLAB, HTML, CSS, Apache Velocity
- Model Based Systems Engineering Software
 - NoMagic Cameo Enterprise Architecture