

Evan “Pete” Walsh
Graduate Assistant
Iowa State University

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Education

Iowa State University, Ames, IA
Statistics Ph.D. track

August 2014 - Present

St. Lawrence University, Canton, NY
Bachelor of Science (B.S.) in Mathematics with honors
Major GPA: 3.95/4.00
Overall GPA: 3.76/4.00

August 2010 – May 2014

Research Experience

Research Assistant
St. Lawrence University Department of Chemistry

Fall 2013 – Spring 2014

- Worked with Dr. Robin Lock to assist the chemistry department by using R to discern how the composition of 4 local rivers changes week-by-week throughout the year
- Analyzed, using various methods, how the concentration of 72 elements was affected by different conditions

Senior Honors Thesis

Fall 2013 – Spring 2014

St. Lawrence University Department of Mathematics; Advisor: Dr. Duncan Melville

- Explored the efficacy of momentum mutual funds and ETFs with regard to Sharpe-ratios and market alphas, finding that they have significantly underperformed the market
- Examined the causes of the poor performance including transaction costs and option-like behavior following prolonged market declines

Teaching Experience

Course Lab Instructor
Iowa State University Department of Statistics

August 2014 - Present

- Principles of Statistics (Stat 101)
- Business Statistics II (Stat 326)

Honors and Awards

Honors in Mathematics, *St. Lawrence University*

Magna Cum Laude, *St. Lawrence University*

NCAA Liberty League All-Academic Team (Men's Soccer), *St. Lawrence University*

Organizations

Iowa State STATers, *Member*

August 2014 - Present

Pi Mu Epsilon, *Inductee*

February 2012 – May 2014

Crown Royalty Investment Club, *Senior Analyst*

August 2013 – May 2014

St. Lawrence University Men's Soccer, *Midfielder*

August 2010 – November 2012

Relevant Computer Skills

R, Python, Java, C++, LaTeX, R Studio, Maple, Minitab, JMP

Relevant Coursework

Iowa State University

Currently enrolled in:

- Statistical Methods I (Stat 500)
- Theory of Probability and Statistics I (Stat 542)
- An Introduction to R (Stat 579)

St. Lawrence University

- Applied Statistics (Stat 113)
- Intro to Programming (CS 119)
- Calculus II (Math 136)
- Multivariable Calculus (Math 205)
- Applied Regression Analysis (Stat 213)
- Linear Algebra (Math 217)
- Techniques of Computer Science (CS 219)
- Real Analysis (Math 305)
- Complex Analysis (Math 306)
- Group Theory (Math 315)
- Graph Theory (Math 318)
- Probability (Math 325)
- Mathematical Statistics (Math 326)
- Time Series Analysis (Stat 343)
- Financial Mathematics (Math 450)