

Evan “Pete” Walsh

Campus Address:

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Department of Statistics
Iowa State University
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EDUCATION

Iowa State University, Ames, IA

Statistics Ph.D. track
Overall GPA: 3.85/4.00

August 2014 - Present

St. Lawrence University, Canton, NY

Bachelor of Science (B.S.), Mathematics (with honors)
Major GPA: 3.95/4.00
Overall GPA: 3.76/4.00

August 2010 - May 2014

华东师范大学(East China Normal University), Shanghai, China

Semester abroad, Mandarin Chinese and economics

Spring 2013

RESEARCH EXPERIENCE

Research Assistant

St. Lawrence University Department of Chemistry

- Worked with Dr. Robin Lock in assisting 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 and anions were affected by different conditions
- See <https://epwalsh.shinyapps.io/ShinyApp/>

Fall 2013 - Spring 2014

Senior Honors Thesis

St. Lawrence University Department of Mathematics

Advisor: Duncan Melville, Ph.D.

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

Fall 2013 - Spring 2014

TEACHING EXPERIENCE

Course Lecturer

Iowa State University Department of Statistics

- STAT 101 - Principles of Statistics

Spring 2015

Course Lab Instructor

Iowa State University Department of Statistics

- STAT 101 - Principles of Statistics
- STAT 326 - Business Statistics II

Fall 2014

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RELEVANT COMPUTER SKILLS

Programming: Proficient in R; experience with Java, C, C++, Python and JavaScript

Markup: Experienced with L^AT_EX, HTML, CSS and Markdown

Software: Comfortable with R Studio, JMP, Minitab; limited experience with SAS

Operating systems: Native to OS X; experience with Windows and Linux

HONORS AND AWARDS

Full Graduate Assistantship, <i>Iowa State University</i>	August 2014 - Present
Honors in Mathematics, <i>St. Lawrence University</i>	May 2014
Magna Cum Laude, <i>St. Lawrence University</i>	-
NCAA Liberty League All-Academic Team (Men's Soccer), <i>St. Lawrence University</i>	Fall 2010 - Fall 2012

ORGANIZATIONS

Institute of Mathematical Statistics, <i>Member</i>	October 2014 - Present
American Statistical Association, <i>Member</i>	-
Iowa State STAT-ers, <i>Member</i>	-
StatCom, <i>Consultant</i>	-
Pi Mu Epsilon National Mathematics Honorary Society, <i>Member</i>	February 2012 - May 2014
St. Lawrence University Crown Royalty Investment Club, <i>Senior Analyst</i>	August 2013 - May 2014
St. Lawrence University Men's Soccer, <i>Midfielder</i>	August 2010 - November 2012

RELEVANT COURSEWORK

Iowa State University

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|--|-------------|
| • STAT 580 - Statistical Computing (Audit) | Spring 2015 |
| • CS 573 - Machine Learning | - |
| • STAT 543 - Theory of Probability and Statistics II | - |
| • STAT 510 - Statistical Methods II | - |
| • STAT 579 - An Introduction to R | Fall 2014 |
| • STAT 542 - Theory of Probability and Statistics I | - |
| • STAT 500 - Statistical Methods I | - |