

## Evan ‘Pete’ Walsh

### Campus Address:

2410 Snedecor Hall  
Department of Statistics  
Iowa State University  
Ames, IA 50010

### Contact Information:

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## EDUCATION

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### 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

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### 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

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### 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

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**Programming:** Proficient in R; experience with Java, C, C++, and Python  
**Markup:** Extensive use of L<sup>A</sup>T<sub>E</sub>X and Markdown; experience with HTML and CSS  
**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

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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

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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

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<b>Iowa State University</b>	
• 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	-