

Evan Pete Walsh

Campus Address:

Department of Statistics
Iowa State University
2410 Snedecor Hall
Email: epwalsh@iastate.edu

Permanent Address:

321 South 5th Street
Apartment 237
Ames, IA 50010
Cell: (518) 605 - 2424

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

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
- Examined the causes of the poor performance including transaction costs and option-like behavior following prolonged market declines
- See <http://epwalsh.github.io/HonorsPaper.pdf>

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: R, Java, C++, and Python

Markup: LaTeX, Markdown, HTML, and CSS

Software: R Studio, SAS, JMP, and Minitab
Operating systems: OS X, Windows

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

St. Lawrence University

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| • STAT 326 - Mathematical Statistics | Spring 2014 |
| • STAT 343 - Time Series Analysis | - |
| • MATH 217 - Linear Algebra | - |
| • MATH 450 - Financial Mathematics | Fall 2013 |
| • MATH 325 - Probability | - |
| • MATH 305 - Real Analysis | - |
| • MATH 230 - Differential Equations (Audited) | - |
| • MATH 318 - Graph Theory | Fall 2012 |
| • STAT 213 - Applied Regression Analysis | - |
| • MATH 315 - Group Theory | Spring 2012 |
| • MATH 306 - Complex Analysis | - |
| • MATH 205 - Multivariable Calculus | Spring 2010 |