Evan 'Pete' Walsh

Campus Address:
Department of Statistics
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EDUCATION

Iowa State University, Ames, IA   August 2014 - Present
Statistics Ph.D. track
Overall GPA: 3.85/4.00

St. Lawrence University, Canton, NY   August 2010 - May 2014
Bachelor of Science (B.S.), Mathematics (with honors)
Major GPA: 3.95/4.00
Overall GPA: 3.76/4.00

华东师范大学**(East China Normal University),** Shanghai, China   Spring 2013
Semester abroad, Mandarin Chinese and economics

RESEARCH EXPERIENCE

Research Assistant   Fall 2013 - Spring 2014
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/`

Senior Honors Thesis   Fall 2013 - Spring 2014
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

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   Fall 2014
- STAT 326 - Business Statistics II   -

RELEVANT COMPUTER SKILLS

Programming: Proficient in R; experience with Java, C, C++, and Python
Markup: Extensive use of LaTeX 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

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

ORGANIZATIONS

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

RELEVANT COURSEWORK

Iowa State University
- 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   -