

# Evan 'Pete' Walsh | CV

Iowa State University – Department of Statistics

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Third-year graduate student pursuing a co-major PhD in Statistics and Mathematics.

## Education

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- **Iowa State University** **Ames, IA**  
*Pursuing PhD in Statistics and Mathematics (co-major)* *August 2014 – Present*  
Overall GPA: 3.86 / 4.00
- **St. Lawrence University** **Canton, NY**  
*Bachelor of Science (B.S.), Mathematics (with honors)* *August 2010 – May 2014*  
Major GPA: 3.95 / 4.00
- **East China Normal University** **Shanghai, China**  
*Semester Abroad, Mandarin Chinese and Economics* *Spring 2013*

## Academic Experience

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### Iowa State University.....

- **Research Assistant**  
**AFLEX** *Spring 2016 – Present*  
An interdisciplinary approach using machine learning and natural language processing to develop an Automated Functional Language EXtraction (AFLEX) system to transform the translation of STEM research to society; funded by NIH, working with Dr. Kris De Brabanter.
- **Instructor**  
**STAT 105** *Spring 2016*  
Intro Stat for Engineering Students (online section)
- **Instructor**  
**STAT 101** *Spring 2015*  
Principles of Statistics
- **Lab Instructor**  
**STAT 326** *Fall 2014, Fall 2015*  
Business Statistics II
- **Lab Instructor**  
**STAT 101** *Fall 2014*  
Principles of Statistics

### St. Lawrence University.....

- **Research Assistant**  
**Analysis of River Data** *Fall 2013 – Spring 2014*  
Assisted the Chemistry Department in analyzing and visualizing data using R.

- **Peer Mentor**

- *Quantitative Resource Center*

*Fall 2012 – Spring 2014*

Tutored other students and occasionally ran workshops in mathematics, computer science, statistics, and economics.

## Honors and Awards

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- **prudsys 2015 Data Mining Cup - 2nd Place**

*Spring 2015*

The Data Mining Cup is a

- **Industry Software Skills:** SolidWorks (Advanced), Matlab (Advanced), Ansys (Intermediate), LTspice (Intermediate), Most MS Office products including MS project and MS access (Advanced).

- **General Business Skills:** Good presentation skills, Works well in a team.

- **Other:** Good soldering and spot welding skills, Can write well organised and structured reports.

## Technical Skills

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- **Programming Languages:** Proficient in: C, C++, Python, Matlab, Arduino, TeX

Also basic ability with: Assembly, VBA, VHDL.

- **Industry Software Skills:** SolidWorks (Advanced), Matlab (Advanced), Ansys (Intermediate), LTspice (Intermediate), Most MS Office products including MS project and MS access (Advanced).

- **General Business Skills:** Good presentation skills, Works well in a team.

- **Other:** Good soldering and spot welding skills, Can write well organised and structured reports.

## Interests and extra-curricular activity

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- I was a "fresher representative" in my 2nd and 3rd years of university, this required me to guide, look after, and ensure that a particular flat of first years have a good time in their first week, and feel consoled in what for most of them is their first time living away from home. We were responsible for the safety and wellbeing of the group of first years during the first week, and during this time I made good friends with all of them.

- I am a member of a number of university societies. I was also the vice president and co-founder of the flash mob society. My roles in this included recruiting members, in which during "fresher's fair" we enlisted over 200 new members. This was regarded as very successful, considering other societies averaged around 50. I also appeared in an interview on the university television station, set up a society bank account, and helped organise the events. One of these events was featured in the local newspaper.

- I am also an avid hiker, having completed the national 3 peaks challenge last summer. Other interests include guitar, which I am self-taught, and home brewing.