

# Adam Walz

## Machine Learning Engineer

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Sandy, UT 84092

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### EDUCATION

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#### Bachelors of Science, Computer Science

University of Utah, Salt Lake City, Utah

*Expected Graduation Date: Spring 2013*

GPA: 3.604

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### SKILLS

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Mobile Application Programming, Object-Oriented Programming, Scripting languages, Source control systems, Machine Learning, Natural Language Processing, Database Systems, Functional programming  
Competent in: Objective-C, Python, Java, C, C++, C#.NET, SQL

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### RELATED EXPERIENCE

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#### Zillow, Inc.

*Software Development Engineer, Intern*

May 2011 - August 2011

*Seattle, WA*

- Mobile Application development for the Zillow Real Estate iPhone and iPad application
- Designed and implemented mapping of nearby amenities using GPS location, MapKit, and RESTful APIs
- Application receives over a million page views per day

#### University of Utah

*Teaching Assistant*

*Salt Lake City, UT*

- Lecture recitation sections with 25 students in which course concepts are practiced
- One-on-one tutoring and debugging for students working on their assignments
- Grading of weekly programming and written assignments, as well as midterm and final exams
  - CS 1410 - Introduction to Computer Science January 2011 - June 2011
  - CS 2100 - Discrete Mathematics August 2011 - December 2011
  - CS 2420 - Data Structures and Algorithms January 2012 - August 2012
  - CS 3130 - Probability and Statistics for Engineers January 2013 - December 2013
  - CS 1410 - Introduction to Computer Science January 2013 - Present

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### HONORS AND LEADERSHIP

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Teaching Assistant of the Year Award - University of Utah School of Computing	2013
Association for Computing Machinery (ACM) Student Chapter Vice-President	2013
Top-placing Game Project – Utah CS Senior Design Fair	2012
Cascadia Innovation Fellowship	2011
Computer Science Student Advisory Committee – Chair, University of Utah	2009 - Present
Faculty Retention, Promotion, and Tenure Committee – Student Chair, Utah	2009 - Present

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### RELATED COURSEWORK

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Machine Learning	Mobile Applications: iOS, Android	Compilers
Natural Language Processing	Parallel Programming	Operating Systems
Database Systems	Computer Graphics	Data Mining

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### MEMBERSHIPS

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AAAI- The Association for the Advancement of Artificial Intelligence

ACM- The Association for Computer Machinery