

Adam Walz

Machine Learning Engineer

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EDUCATION

Bachelors of Science, Computer Science

Graduation Date: Spring 2013

University of Utah, Salt Lake City, Utah

SKILLS

Machine Learning, Natural Language Processing, Scripting Languages, Mobile application development, Object-Oriented Programming, Source control systems

Competent in: Python, Objective-C, Java, Ruby, C, C++

RELATED EXPERIENCE

Evernote

May 2013 - February 2015

Augmented Intelligence Engineer

Redwood City, CA

- Implemented the Descriptive Search natural language search interface into Evernote for Mac
- Translates text from English sentence fragments into a formal search syntax behind the scenes
- Entirely created in-house, with the only 3rd party tool being a context-free grammar parser
- Received patent for my work in the Natural Search domain

Zillow, Inc.

May 2011 - August 2011

Software Development Engineer, Intern

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 CS 2420 - Data Structures and Algorithms
 - CS 3130 - Probability and Statistics for Engineers CS 2100 - Discrete Mathematics

HONORS AND LEADERSHIP

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 - 2013
Faculty Retention, Promotion, and Tenure Committee – Student Chair, Utah	2009 - 2013

RELATED COURSEWORK

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

PUBLICATIONS

US Patent - Combining Natural Language and Keyword Search Queries for Personal Content Collections