

# Adam Walz

Founder, Mangabi.com

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## EDUCATION

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**Bachelors of Science, Computer Science**

University of Utah, Salt Lake City, Utah

Graduation Date: Spring 2013

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## SKILLS

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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++

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## RELATED EXPERIENCE

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**Mangabi**

*Founder*

January 2015 - Present

*Salt Lake City, UT*

- Founded as Sublime Web, a web application company with the goal of making the Internet simple for elderly and individuals with motor disabilities.
- Expanded the scope of the company using the principles of lean engineering
- Created the Mangabi Platform to host multiple in-house applications and allow for third-party developers to join the platform.

**Evernote**

*Augmented Intelligence Engineer*

May 2013 - February 2015

*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

**Juan Diego Catholic High School**

*Computer Science Teacher*

August 2012 - May 2013

*Seattle, WA*

- Taught four junior and senior level classes with 25 students each
- Took one class to the Utah FIRST Robotics Competition

**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*

- Lead TA tasked with conducting lectures for 200 person classes in both Computer Science and Mathematics
- Lecture recitation sections with 25 students in which course concepts are independently practiced
- One-on-one tutoring and debugging for students working on their assignments
  - CS 1410 - Introduction to Computer Science      CS 2420 - Data Structures and Algorithms
  - CS 3130 - Probability and Statistics for Engineers      MATH 2200 - Discrete Mathematics

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

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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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### ***PUBLICATIONS***

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