

## Alex Olsen

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### Summary of Qualifications

- Exceptionally self motivated with great discipline and an eagerness to learn new technologies
- Excellent communicator with leadership, adaptability, teamwork skills, and international experience
- Ability to undertake multiple projects at one time and perform at a high level

### Work Experience

#### **Personal Web Start-up: <http://www.headcam.org>**

- Acted as the sole designer/developer of the site
- Utilized HTML, CSS, Javascript, and JQuery for front-end development
- Used PHP and MySQL for back-end server-side processing
- Developed database schema and normalized database backend
- Designed the site to interact with web technologies (Amazon S3 and Zencoder's video encoding service)
- Leveraged Google's API for integrating Google Maps into the site
- Used Ajax calls extensively throughout the site
- Designed using both traditional HTML structure and the HTML5 flex-box model

#### **Personal Project: Word Recognition Exercise Generator (ESL Teaching Document)**

- Developed the project in Python, then rewrote it in Java
- Used Java and Python to write to Excel documents
- Created an algorithm for ranking a word's visual similarities to other words in the dictionary

#### **Ebo Young Talking Club, April 2010 – Present, Bucheon, South Korea**

- Introduced new foreign teachers how to navigate our computer systems
- Wrote a Python program to generate oft used documents, reducing preparation from ~8 min. to ~1min
- Selected to create a 20 page teaching guide for new foreign teachers
- Prepared daily material for up to 8 class periods (45 minutes each)
- Created custom written and speaking testing materials for evaluating students
- Participated in meetings to discuss monthly theme day activities

#### **Union Title Company, May 2008 – February 2010 - Policy Production Specialist**

- Undertook a personal project to revamp the organization of our files to produce policies more efficiently
- Coordinated with closing and loan officers throughout the region to ensure requirements were met
- Coordinated with the accounting department to ensure the necessary funds were charged or credited.
- Navigated online state-run databases to search for the most up-to-date Register of Deeds information

### Education

Bellevue University, 2011 – Present (**Anticipated grad. date: 2/31/2012 – 18 Credits Completed**)

M.S. Major: Computer Information Systems

University of Nebraska at Lincoln, 2005-2009

B.S. Major: History

### Languages

**Proficient:** Javascript, jQuery, HTML, CSS, PHP, MySQL, SQL, Java

**Familiar With:** C#, ASP.NET, Python, Node.js