Andrew McOlash

2431 N 82nd St, Wauwatosa, WI, 53213
amcolash@gmail.com, amcolash.appspot.com
414-745-2657

Education

University of Wisconsin-Madison

Bachelor of Science, Computer Science, May 2015, GPA: 3.05 / 4.0

Technical Skills, Programming Languages, and Projects

- Web application development using HTML5, jQuery, EmberJS, NodeJS for desktop and mobile platforms.
- Java, C/C++ application development on Windows and Linux platforms.
- Development of applications for a Pebble smart watch using C and Javascript.
- Application integration and task automation using Python, shell and other scripting languages.

Work Experience

Web Development Position – Survey of the Health of Wisconsin (SHOW)

December 2014 – Present

Drafting and beginning of development for a new website/webapp for displaying health statistics and public health information. Using web technologies including Handlebars, Yeoman, Grunt and Bower.

Web/Software Development Internship - Liberty Mutual

May 2014 – August 2014

Development of mobile responsive internal web applications. Used EmberJS along with NodeJS and Twitter Bootstrap to create a simplified process for engaging the Mobile team using external APIs.

Office Administrative Aide - University of Wisconsin-Madison

August 2012 – November 2014

Work with students and office staff to organize and coordinate residence hall activities and to design publicity used for these events.

Engineering Internship - Harley Davidson

June 2010 - September 2010

Optimize workflow for engineers, collection of data, organization and lab management.

Organizations

Running Club@UW (Webmaster and Member)

September 2012 to Present

Manage the running club website and content which promotes events and races in the community. Additionally help plan, organize and conduct runs that benefit charities across Wisconsin.

Cross Country (Team Captain and Member)

September 2007 to September 2010

Led team as a Captain, developed team skills and made connections with new people, which challenged me physically, mentally and socially.

Volunteer Experience

Eagle Scout with Boy Scouts of America

January 2005 - January 2011

Held several leadership positions, led activities, taught skills to scouts, organized food drives, fundraised, and assisted in planning troop projects. Led a middle-school FLL team as head coach for Eagle project.

Head Coach for First Lego League (FLL) Team

September 2007 - December 2009

Introduced middle school children to STEM-based concepts and assisted with hands-on robotics and technology activities. Led team as assistant coach for two years, then as head coach (over 150 service hours in 2009). Nominated for state-level FLL "Outstanding Youth Volunteer" in 2009.