

# Sellers, Andrew C.

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<https://launchpad.net/~ackondro>

## Project Skills:

Maintaining Legacy Applications  
Migration to new platforms for products and services  
Integration of new and legacy system into larger systems  
Database Management in relational based models

## Related Experience:

### University of Alabama Law School: Web Developer

December 2008 – April 2011

Accomplished a variety of tasks which included evaluating new systems, interfacing with external systems, and maintaining and updating current systems. Worked on the migration of both data and code to a standardized web framework from multiple homegrown systems, as well as creating customized pages on the web framework for the Law School. Major systems used were CakePHP for creating Web applications, Wordpress for Content Management, and Apache, MySQL, PHP, and Red Hat Enterprise Linux for hosting. Coordinated with another Web Developer for many tasks.

## Technical Skills:

### Languages:

Used Python for websites, scripting and application development, Used PHP for web development, Used Java to build minor applications, Used C++ for educational development

### Databases:

Used MySQL with PHP for dynamic web applications

### Operating Systems:

Microsoft Windows, Ubuntu Linux, Red Hat Enterprise Linux, Debian Linux

### Frameworks:

Used CakePHP to build dynamic web applications, Wordpress to manage content

### Other:

Used Apache, Lighttpd to host dynamic websites, Used HTML and CSS to build websites

## Education:

### College:

B.S. Computer Science from the University of Alabama's College of Engineering. Spring 2011.

### High School:

Graduated with a Advanced Diploma from Thompson High School in Alabaster, Alabama in May 2007.

## Activities:

### Association for Computing Machinery:

Secretary, semester of Spring 2010, assisted with meetings, kept minutes and tutored younger students.

### Mallet Assembly:

Senior Monitor: Spring and Fall 2010, interfaced with University housing, assigned rooms and roommates, and helped keep the dorm in a well-maintained fashion.

Treasurer: Fall 2009, maintained the budget, received dorm dues, and kept a list of valid voting Assembly members.

### Boy Scouts of America

Eagle Scout award received on April 4, 2005.

## Projects:

### Tibesti Screencaster:

In a challenge with myself, I chose to create a better screen recorder for Linux systems. I designed a suitable UI, learned new technologies such as Gstreamer and filter graphs, and engineered a flexible code base. I have since iterated through several versions, adding features, refactoring as necessary and fixing bugs.

**Geocoding:**

Assignment was to create an application capable of importing Microsoft Excel spreadsheets and create a node link map from the data within the spreadsheet. I worked with other members of my class to determine requirements and choose technologies and libraries. I was responsible for creating the prototype, which was written in Python, so that requirements could be verified and the team's approach could be verified.

**Law Mini Sites:**

Several small sites for Law School such as the law journal sites were not measuring up in terms of web design after the main site had been redesigned. I was assigned to update the sites to the current main site design. I utilized a template and worked to move the functionality of the old site into the new template based version.

**Summer Jobs:****Gobblers Knob Swim and Tennis: Lifeguard****May - August, 2006 – 2009**

Assisted members and stood watch for distressed swimmers.

**Gobblers Knob Swim and Tennis: Pool Cleaner****May - August, 2004 – 2005**

Cleaned the pool surface each morning to ensure the health of the pool surface.