

# Joseph Hermens.com

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## Objective

To complete a master's degree and begin a career in the field of software development

## Education

2007-Present **Masters Computer Science**, Oregon State University (OSU), Corvallis, OR.  
2004-2006 **B.S. Computer Science**, Southern Adventist University (SAU),  
Collegedale, TN. Graduated December 2006. **GPA 3.93**  
2003-2004 Attended Oregon State University (OSU), Corvallis, OR. Dean's List  
2002-2003 Attended Pacific Union College (PUC), Angwin, CA. Dean's List

## Skills

Artificial Intelligence  
Database Design  
Data Structures  
Network and Web Programming  
Software Engineering

## Languages

Web Development: CSS, HTML, JavaScript, PHP, SQL  
Object-Oriented: C#, Flex, Java  
Functional/Logic: Haskell, Prolog, Scheme

## Computer Programs - *A selection of personal projects*

### International Equipment Company

A web site developed by a team for a company in Chattanooga, TN. The site was implemented using PHP, Smarty templates, MySQL, and AJAX. One of the main goals was to create a site that could be easily updated by non-programmers, thus most of the content is pulled from a database and can be easily edited by administrators.

### SAU Book Trade

A web site intended to help students buy, sell, or trade textbooks. It is implemented primarily in JavaScript using AJAX to communicate with PHP scripts and a MySQL database on the server.

### JavaScript Shrink

Parses JavaScript code and shrinks it by replacing variable and function names with shorter names, removing unnecessary white space, and concatenating strings. Also fixes errors like missing semi-colons and performs minor optimizations. Implemented in PHP.

## Employment

Jan. 2007 to Sept. 2007 Contract web development.  
Jan. 2005 to Dec. 2006 Programmer, Office of Online Learning, SAU. Web development with PHP, MySQL, AJAX, and Flash.  
Fall 2005 Programmer, Contract work for International Equipment Company. See description above.  
Summer 2000-2004 Landscaping/Construction, Contract work including design and construction.  
2003-2004 School Year Laborer, Landscape Dept., Pacific Union College  
"Outstanding Worker" award.