

Joshua Gross

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PROFILE

I have been programming since 2001 (9 years of experience). I have been programming in production environments since 2005 (5 years of experience). I managed a full-time employee and worked overtime consulting in high school (mainly with PHP, Javascript, CSS, and MySQL) and graduated with academic honors (National Honor Society). Out of high school, I started doing technical editing for Pearson Book Publishing.

I have a wide range of interests within computing and outside. Interests relating to past experience include data portability, microformats, scripting languages, test-driven development, performance tuning, database design and tuning; future research interests include language design, compilers, and operating systems.

My interests with computers have not prevented me from enjoying the outdoors, traveling to 7 countries outside the U.S., learning to play violin and accordion, or writing comics.

EXPERIENCE

President, Cortex Creations, LLC, Franksville, WI

2006-present

Managed full-time employee 2006-2008. PHP, MySQL, Javascript, HTML, CSS programming.

Projects (Sample):

- BlackForest LLC (WI) 2005-present
- Digital Booksack (San Bernardino, CA) 2006
- CustomSouthParks (OH) 2006-2007
- Facebook quiz applications (Franksville, WI) 2007-2008
- WADSA.org adult day care search engine (Germantown, WI) 2008
- my1channel photo and video sharing (Hartland, WI) 2008-2009

Technical Reviewer/Editor, Pearson Publishing/Prentice Hall/Addison Wesley/SAMS, CA

2009-present

Reviewed book proposals, technical reviews, sample chapter reviews.

- Social Programming by Mark David Hawker (2009) Technical Review
 - Interfacing with social networking APIs: Facebook, Twitter, Google Friend Connect
- JavaScript Tuning by Christian Johansen (2009-present), Technical Editing
 - Unit-Test-driven Javascript programming; dealing with browser quirks; future-compatibility
- Social Programming by Mark David Hawker (2009-present) Technical Editing
 - Interfacing with social networking APIs: Facebook, Twitter, Google Friend Connect

COMPUTER SKILLS

Languages: very proficient with PHP 4-5, Javascript, Java, XHTML, CSS; comfortable with C, Objective-C, Assembly, Python

Databases: MySQL, SQLite

Operating systems: very proficient with Linux and Macintosh, comfortable with basic server administration

IDEs: Most familiar with Vim and X-Code, comfortable with Eclipse

PERSONAL PROJECTS

WebDDM - Web DropDown Menu. Finished when I was 16. (custom library, cross-browser)

PHP-Frame - minimalist web framework; in use and active development for 6 years.

Encryption for m.essag.es

Java games, including a Breakout clone

Small compiler/interpreter written in C

EDUCATION

University of Wisconsin-Madison, Madison, Wisconsin

Undeclared (potential Computer Science and Mathematics double-major)

Class of 2013