

BENJAMIN M. WEST

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SUMMARY Multi-disciplinary engineer with 6 years industry experience ranging from high-performance gaming hardware design, to product qualification for consumer electronics market, to PHP-based interactive media design, seeks opportunities to explore new fields and expand horizons.

EDUCATION

- 1995-2002 **Washington University in St. Louis**, St. Louis, MO
- BS in Computer & Electrical Engineering, May 2000
 - BA in Germanic Languages and Literature, Dec. 2001

EXPERIENCE

- 2009 **Touchwood Creative** St. Louis, MO
Contract Designer
- Designed and implemented PHP/CSS/Drupal-based corporate web portals
 - Performed rapid development and deployment techniques to put 35 individual sites online within 2 days
 - Developed cost-effective backup and recovery procedures for all sites produced
- 2009 **Scorch Agency** St. Louis, MO
Contract Designer
- Re-implemented in Joomla a public library web portal to include Social Networking features such as WYIWYG content editing, Flickr integration, and a Twitter feed
- 2009 **Nabbr, Inc** New York, NY
Contract Systems Engineer
- Developed automated hardware asset monitoring and outage recovery procedures to ensure 24/7 uptime for high-volume Social Networking applications
- 2008 **Vivid Sky, LLC** St. Louis, MO
Contract Designer
- Researched and implemented options for optimizing CPU and disk bandwidth for a LAMP server dedicated to on-demand video encoding
 - Performed in-depth performance profiling to quantify the effects of optimization
- 2005-2007 **Ageia Technologies** St. Louis, MO
Systems Engineer
- Lead project team for 2nd-generation PhysX video gaming product
 - Designed microchip packaging for high-speed memory and logic
 - Coordinated product qualification testing at chip and board level
 - Oversaw high-speed electrical signal integrity analysis
- 2003-2005 **DSA, Inc.** St. Louis, MO
Member Design Staff
- Designed low-cost assisted living products based around the Freescale 68HC12 embedded SoC family, including schematic capture, layout, and parts selection.
 - Performed low-volume prototype assembly and bring-up testing.
 - Co-wrote Small Business Innovation Research (SBIR) proposal for the NIH

SKILLS

- HTML/JS/CSS UI Design
- Custom Drupal v6 Design
- Custom PHP/MySQL Applications
- C, Java, PHP, Perl, and Shell Proficiency
- Consumer Product Qualification
- Signal Integrity Analysis
- LAMP Server Management
- Custom Joomla v1.5 Design
- Open Source Software Development
- Embedded Systems Design
- Open Source Software Development
- Team Coordination, On and Off-Shore