

DAMIEN HOUSE

Washington, DC

DESIGN SCIENCE: SOFTWARE MEDIA RESEARCH AND DEVELOPMENT

Interactive engineer with sixteen years of experience producing software architecture, systems, and interfaces. Particularly interested in exploring strategic ways to imagine and produce new work advancing systems and interface design. Current research efforts explore content management systems, knowledge management, dashboards, libraries, and other themes found in personal information management.

PRIMARY PRACTICE

- ♦ leading the design, development and implementation of software and hardware systems that support strategic initiatives and business models
- ♦ integrating distributed systems that include software applications, mobile technology, social technology, database applications, web communications and security software
- ♦ analyzing emerging technologies; determining what technologies will address current and future business needs, and successfully implementing technical solutions
- ♦ identifying and understanding large scale issues and opportunities; determining the appropriate course of action and delivering long-term sustainable and scalable solutions
- ♦ identifying areas that may hold promise for improving operating results and developing technical solutions to address those needs

DISCIPLINE

- ♦ user experience: planning, exploration, analysis, goals, strategy, principles
- ♦ information architecture, interaction design: drafting, structuring, modeling, layout, workflow, behavior
- ♦ user-interface, information systems: engineering, programming, configuration, construction

SKILLS

- ♦ languages: php, sql, javascript, html, css, visual basic, object pascal
- ♦ platforms: drupal, lamp, oracle, sql server, delphi, .net, access, excel, chrome, firefox
- ♦ concepts: rapid application prototyping, workflow efficiency, platform strategy and extension

DAMIEN HOUSE

Washington, DC

PROFESSIONAL EXPERIENCE

Interactive Engineer

Jul 2012 – Present (1 year 2 months)

Saforian

Washington, DC

Cooperative in the planning and development of drupal content management systems designed by ux, ia, and visual design teams. Successfully built and launched two sites: nokidhungry.org and fhi360.org. Worked with project manager and technical director to plan and execute post-launch development work. Investigated search api modules in drupal, exploring apache solr and faceted search. Mentored junior front-end developer, giving guidance on drupal site building. Software systems consisted of web-based content management software, built for desktop and mobile use, developed using drupal, lamp, and pantheon.

Senior Software Engineer

Dec 2007 – Apr 2012 (4 years 5 months)

Virilion

Washington, DC

Worked with ux, ia, and visual design teams to plan and build content management software across multiple platforms including drupal, wordpress, moveabletype, ezpublish, coldfusion, commonspot, and convio. Built and maintained multiple high traffic web sites for eBay, ACCCE, PhRMA, and UNICEF. Carried out shared duties across tech team: 24/7 on-call rotation, wiki administration, and experiments for weekly presentations. Software systems consisted of web-based content management software, built for desktop and mobile use, developed mostly using drupal and lamp.

Senior Systems Analyst

Feb 2003 – Jul 2007 (4 years 6 months)

Time, Inc.

New York, NY

Managed development work on sales and marketing analysis software used by Time Inc. and clients of Time Consumer Marketing to maintain billing and subscription information. Worked with marketing managers to design and develop enhancements to user interface, workflows, reporting tools, and custom reports. Software systems consisted of several client-server applications, built for windows, developed using delphi and oracle.

Senior Software Engineer: Team Lead

May 2002 – Feb 2003 (10 months)

ActiveHealth Management, Inc.

Chantilly, VA

Managed team in redesigning health care management system for scheduled release. Worked with product manager to translate user goals into requirements and technical designs for implementation. Managed scheduling and resource needs. Worked with team to implement technical design through the official release. Software systems consisted of several client-server applications, built for windows, developed using delphi and oracle.

Senior Software Engineer: Team Lead

Mar 2001 – May 2002 (1 year 3 months)

Inte-Great, LLC.

Silver Spring, MD

Managed development work on asset management software. Worked with several clients including NIH and National Archives to gather requirements for designing and building next release. Designed new software for PalmOS barcode scanners to interface with existing software; implemented first release for the FDA. Software systems consisted of several client-server applications, built for windows, developed using delphi and sql server.

DAMIEN HOUSE

Washington, DC

PROFESSIONAL EXPERIENCE

Senior Software Engineer: Team Lead

May 2000 – Mar 2001 (11 months)

Automatic Data Processing, Inc.

Silver Spring, MD

Worked with clients to design an open enrollment and benefits administration web application. Developed prototypes and successfully released initial version for JPMorgan. Software systems consisted of several client-server applications, built for windows, developed using asp, delphi, and oracle.

Senior Software Engineer: Team Lead

Nov 1998 – May 2000 (1 year 7 months)

Full Circle Solutions, Inc.

Baltimore, MD

Managed design and development of information systems and software products for clients including the State's Attorney's Office and the Baltimore City Police Department. Worked directly with clients to gather requirements and present designs for approval. Designed new user interfaces and functionality on a Public Safety software system for the Baltimore City Police Department as part of a y2k initiative to move from dos and mainframe software that stored non-compliant date values. Software systems consisted of several client-server applications, built for windows, developed using delphi, oracle, and sql server.

Software Engineer

Aug 1997 – Sep 1998 (1 year 2 months)

Venture Media

Lutherville, MD

Cooperative in the development and maintenance of custom designed order processing system used in fulfilling infomercial purchases. Initiated redesign effort through documentation of existing software architecture and investigation of internal business process models. Software systems consisted of several client-server applications, built for windows, developed using access, visual basic, delphi, and sql server.

EDUCATION

University of Maryland Baltimore County

Baltimore, MD

Fall 1999 – Spring 2000

Pursued a Bachelor of Science in Computer Science

Morgan State University

Baltimore, MD

Fall 1997 – Spring 1999

Pursued a Bachelor of Science in Electrical Engineering

Information Systems and Sciences Lab Administrator, 1998 - 1999

Association of Information Technology Professionals, Chapter President 1998 – 1999

Baltimore Polytechnic Institute

Baltimore, MD

Fall 1993 – Spring 1997

Engineering and Architectural Drawing

Concert Band, Jazz Band, Air force ROTC, Drill Team

DAMIEN HOUSE
Washington, DC

REFERENCES

Available upon request.