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Summary

Innovative User Interface Developer with over 18 years experience working with front end and middle tier technologies such as advanced CSS, jQuery, AJAX, PHP, Java, and MySQL.

Ten years of experience conducting user research studies and usability tests.

Proficient in rapid interface prototyping with Adobe Products and JavaScript/HTML.

Ten years of experience with middle tier coding using PHP, and Java.

Very good at cross-functional collaboration with research, design, development staff.

Experience

Charles River Analytics, Cambridge, MA Apr 2008 – present
User Interface Developer (Contractor and Full Time Employee)

- Developed web applications using PHP, MySQL, jQuery, and AJAX.
- Designed new web application interfaces.
- Programmed web application prototypes in JavaScript.
- Created web images using Adobe Illustrator and Photoshop.
- Created over a hundred pages of wire-frames for interface discussions.
- Created page flow and page structure diagrams to help manage web projects.
- Created novel ways to display quantitative and qualitative information.

Novartis, Cambridge, MA Jan 2008 – Apr 2008

Manager and User Interface Developer (Contractor)

- Customized the MediaWiki codebase to produce a scientific data to drug researchers wiki using PHP, JavaScript, and HTML to display.
- Maintained the MySQL schema modification reports for the team.
- Conducted user research with scientists and office workers to create very well received user interface design.
- Worked with Photoshop and Illustrator to generate stylized Novartis specific graphic web elements.
- Developed an iconography for their protein data web-site to help users navigate the site and to make it more attractive.
- Installed four instances of WordPress and modified the user interface “skin” to show marketing materials for ocean racing.

France Telecom, Cambridge, MA

Jul 2007 – Jan 2008

User Interface Developer (Contractor)

- Created 20 cell phone applications for prototype and release using HTML/JavaScript and Smartphone browsers.

- Managed the requirements gathering and design elements for development.
- Created an analysis of business needs for future cell phone technologies.
- Produced a web site that allows collaboration between teams in Spain, France, England, and United States on cell phone application projects.
- Created templates for future cell phone applications to increase development speed and accuracy.

EMC, Hopkinton, MA

Jan 2007 – Jul 2007

Software Designer (Contractor)

- Managed the requirements gathering and design of a large hard disk management application using PHP, Oracle, HTML and JavaScript.
- The application I created was installed at American Express and their head of IT said it was the best administrative application he had seen. IBM had tried to create a similar application for over a year, and the American Express storage management head said theirs didn't even come close.
- Conducted an in depth study with the users of the system. I took their feedback, compiled it, and based the application designs on how to complete tasks easier and faster.
- Created detailed wire-frames of designs in Adobe Illustrator.
- Designed the images for the application using Photoshop.
- Produced a user interface design standard document for future releases of the application.

Virgin Life Care, Boston, MA

Jan 2006 – Jan 2007

User Experience Manager (Full-time)

- Managed the requirements gathering for a 45 pages of a web application used by 100,000 people.
- Created a requirements gathering plan and turned the research into functional specifications.
- Trained design staff in user interface design best practices.
- Created user interface guidelines for all the Virgin Life Care products.
- Created wire-framing template for rapid screen design.
- DHTML creation and debugging.
- Managed the relationships of 5 web development contractors.
- Ran remote usability studies on 15 pieces of web functionality.
- Created a totally new method to check information architecture of a site. A presentation of the technique was given to the Usability Professionals Association of Boston with much acclaim.
- Created reusable visual components in Photoshop.
- Stylized and created the HTML for 25 web application pages.
- Consulted Marketing on communication direction.

Idiom Technologies, Waltham, MA

Sep 2005 – Jan 2006

Web Developer/UI Designer (Contractor)

- Designed and maintained a 50 page web application.
- Created and maintained user interface standards for Idiom's flagship product.
- Implemented 40 pages of a web application using DHTML, JavaScript

- and JSP technologies.
- Acted as chief consultant for user interface design questions.
- Used Photoshop to create custom graphic elements.
- Interviewed user interface candidates.

Wachovia Bank, Boston, MA Apr 2004 – Sep 2005
Web Developer (Full-time)

- Designed and coded web interfaces for several internal financial management applications, all of which received an A grade from their corporate sponsors.
- Designed many complex custom visual components using DHTML and JavaScript.
- Created wire-frame designs for six web applications using a self created wire-framing toolbox in Adobe Illustrator.
- Worked with the marketing department to analyze external and internal web site usage using Webtrends.
- Created an interface design standard for all Evergreen Investment's internal web applications. This included specific visual component design, as well as a general application style guide.
- Created a project development homepage that communicates updates to teams, shares UI design samples, and detailed screen functionality descriptions. It also has links to download visual application sub-components.
- Used Photoshop to create custom graphic elements.

National Leisure Group, Woburn, MA Jan 2004 - Apr 2004
Web Developer (Contractor)

- Designed and implemented a user interface to edit travel package information using Visual Basic.

Rainier Associates, Burbank, CA Jun 2003 - Dec 2004
Project Manager (Contractor)

- Managed the production of a web based educational application for database administrators.
- Worked with staff to gather specifications and produce functional and design specification.

Neoscape, Cambridge, MA May 2002 - Jun 2003
Project Manager (Contractor)

- Managed a team of three developers to create a 3D architectural collaboration application.
- Gathered specifications and created the interface design.

Pfizer Pharmaceuticals, Boston, MA Mar 2002 - May 2002
Project Manager (Contractor)

- Held focus groups with Boston area scientists to talk about the viability of a collaborative web application.
- Produced reports for Pfizer on project viability.
- Worked with Pfizer representatives to create functional and design specifications.

Morgan Stanley, New York, NY Nov 2001 - Mar 2002
Web Developer (Contractor)

- Developed the user interface for an email based news distribution system.

Novell, Boston, MA Apr 2000 - Nov 2001
User Interface Team Manager (Contractor)

- Was the lead for the three-person team that designed the Gnome Linux desktop interface in 2001.
- Created a Linux public user interface design standard in partnership with Sun Microsystems.
- Trained Novell staff in usability techniques.
- Designed the user interface for Evolution, an email and contact management application for Linux. I recruited for and tested the interface with over fifty test subjects.

Interliant, Woburn, MA Oct 1999 - Apr 2000
Lead User Interface Developer (Contractor)

- Lead user interface designer on a Web application used to monitor the health of people with chronic health conditions.
- Developed application specifications with executive staff and created final technical design under a very tight deadline.
- Managed project timeline and gauged progress, giving daily status reports to project manager.

Liberty Mutual Insurance, Portsmouth, NH Sep 1995 - Oct 1999
User Interface Designer and Team Lead (Contractor)

- Worked on a team of 15 programmers to produce a client server Java Swing application used by thirty Fortune 500 companies.
- Designed more than 40 interfaces in Swing using existing and custom Java UI components.
- Created interaction diagrams using Visio workflow modeling of the application.
- Created GIF and JPEG images used in the application interface.
- Designed and programmed reports generated by Java, JavaScript and HTML.
- Designed a client server application, web application, and its supporting database structure.
- Led the design work of four developers.
- Migrated the UI design of the system from the Macintosh platform to Windows under a tight time deadline.

ADD Inc, Cambridge, MA Jan 1994 - Sep 1995
Application Designer (Contractor)

- Designed the interface for a client server Facilities Management application and its supporting components.

Mass. Democratic State Committee, Boston, MA Feb 1993 - Jan 1994

Software Developer (Contractor)

- Co-designed a political campaign management application that handled the finances, activities, and FEC reporting for 20+ campaigns.
- Migrated the application interface from Macintosh to Windows in 3 weeks.

EMC, Southborough, MA

Jul 1992 - Feb 1993

Application Designer (Contractor)

- Co-designed a sales automation client server application.

Affiliations

Usability Professionals Association
Special Interest Group on Computer Human Interaction

Certifications

Sun Certified Java Programmer 2002

Education

Harvard Extension School, 2000
Strategic Management Course
Software User Interface Design Course

Museum of Fine Arts School, 1999
Graphic Design Course

IBM Immersion Team, 1997
Object Oriented Concepts, Analysis & Design
Object Oriented Programming with Java
Building Applets and Applications with VisualAge for Java

ACI, 1993
Rapid Application Development

Apple Computer Corporation, 1990
Network and Business Solutions training