

Jenny Barnes

UX Developer, Co-Owner at Awesome Barnes, LLC

msmarcel@3headeddog.com

Summary

I have almost a decade of professional experience creating attractive web sites and web applications using HTML, CSS, and JavaScript. I have worked across the gamut from plain CSS at version 1.0, to full Twitter Bootstrap Framework projects using LESS files to compile the CSS. Similarly, with JavaScript, I've gone from vanilla to Prototype to jQuery to AngularJS. I am a UI Developer through and through. I have studied the psychology of Human Computer Interaction, I follow the latest best practices, and I have an innate sense of proper aesthetics. I also have a solid technical understanding of server-side code and have worked in Python/Django, PHP, JSP, and Ruby.

Experience

UX Developer, Co-Owner at Awesome Barnes, LLC

November 2013 - Present (1 year 5 months)

We develop cutting-edge dynamic + responsive web applications, as well as browser extensions and traditional applications.

Chief Creative Manager at No Dice, LLC.

October 2012 - September 2014 (2 years)

Handles all user interaction design, marketing, and graphic design for web-based gaming social network.

Develops in Django/Python with a MySQL backend. Manages social media outlets and customer service.

1 recommendation available upon request

Systems Programmer 2 at CACI International Inc

June 2011 - November 2013 (2 years 6 months)

* Major technologies used: CSS, JavaScript, Java, JSP, HTML, SQL, and Expression Language. * Continue to support both the PEO IWS Communicator and Talent Management Dashboard. * Solve many user interface dilemmas while leveraging new JavaScript and CSS frameworks. Improve appearance and interactivity of sites using JavaScript and CSS. * Implement new features by writing both JSPs and Struts Actions with templates written in Expression Language. * Write custom Java classes to support new features. * Provide technical support to customers by e-mail and phone. * Certified Sharepoint Administrator * Create logos and new visual design elements using Inkscape and Gimp. * Development Environment: Netbeans on Windows. * Version Control: Subversion.

Computer Scientist at Future Technologies, Inc

November 2007 - June 2011 (3 years 8 months)

Subcontractor to CACI Work as part of a team developing features for an Enterprise-level Portal Application (primarily part of Maintenance phase, with full life-cycle experience for new modules). The application connects thousands of users, allowing them to share files and events. Similar in purpose to Sharepoint, but customized for government needs. Technologies used include: Java Server Pages (JSP), PL/SQL, Oracle SQL Queries, HTML, DHTML, CSS, XML (light), JavaScript and AJAX (using Prototype/Scriptaculous libraries) Developed using Agile Methodologies Provide mentoring and support to colleagues Responsible for most graphic work and user interaction in CSS and AJAX; using Gimp for graphics creation. Development Environment: Netbeans Version Control: Subversion

Software Engineer at EDO EVI

May 2007 - September 2007 (5 months)

Worked with a team developing the web application portion of a multi-tiered enterprise-level application for a government client. Designed and programmed all interface elements. Technologies used included: ASP.NET, C#, Ajax.NET, Javascript, CSS, HTML, and DHTML Minor graphics work using Adobe Photoshop CS. Developed using Waterfall Model Development Environment: Visual Studio on Windows

Junior Software Engineer at Intellibot Robotics

January 2007 - May 2007 (5 months)

Worked as part of an R&D team to improve and develop new features for a robotic vacuum that uses artificial intelligence to clean a room, with complex pathing to avoid any obstacles it may encounter. Maintained and developed graphical terminal software in Qlarity (similar to Visual Basic) Developed Embedded Applications in C/C++ to communicate between graphical terminal and robot. Developed lean PHP application to send commands to the robot and to get status of the robot over a WLAN connection. Took full advantage of CSS technologies to allow for a clean and extensible interface. Developed thorough documentation of all new and pre-existing code. Coordinated with senior engineer at remote location to ensure that communication between graphical terminal and robot worked without error. Minor graphics creation using Adobe Photoshop CS. Development Environment: Qlarity Software on Windows, Xcode on Mac OS X Version Control: CVS

1 recommendation available upon request

Programmer at CorpComm, Inc

February 2005 - January 2007 (2 years)

Major technologies used included: ASP, PHP, Ruby on Rails (light), MySQL, MSSQL, Oracle, CSS, AJAX, Javascript, XHTML(light), XML, XSLT(light), and Adobe Flash Worked with primarily DoD clients, but occasionally commercial as well, developing custom solutions to allow for the effective dissemination of information to other government organizations and/or the public. Worked as part of a very small development team. Responsible for full development of custom Government News Portal Web application in ASP with Microsoft SQL Server Database. Made all government sites meet 508 Compliance standards. Developed several small one-shot web sites, most using PHP with MySQL database. Developed common framework to allow for re-use of code for smaller projects, and to allow for a common interface

for users to maintain their own sites. Integrated custom web applications using corporate Active Directory server for user authentication. Developed Microsoft XML Web Services. Created Flash Applications using XML for data manipulation. Used XSLT to develop site templates and to process XML data into a more user-friendly format. Customized corporate Sharepoint site. Developed custom Java applications to allow for automatic transfer of dynamic site data from a local server to a remote server that could only handle static HTML files. Developed custom Windows photo management application in C# using Visual Studio 2005 for government client. Provided occasional IT support by configuring servers and desktop systems using Windows XP Professional, Debian Linux, and Mac OS X Minor web design/print work using Adobe Creative Suite Products. Development Environment: Eclipse on Linux (light), Microsoft Visual Studio 2005 on Windows, jEdit on Mac OS X

1 recommendation available upon request

Projects

Baby I/O

July 2013 to Present

Members: Jenny Barnes, Timothy Barnes

A tracker for parents to keep records of feeding and changing babies.

Website for Jeanie Swanson Photography

June 2013 to September 2013

Members: Jenny Barnes, Timothy Barnes

Created blog/portfolio site for Jeanie Swanson Photography.

Website for Green Century LLC

December 2013 to Present

Members: Jenny Barnes, Timothy Barnes

Responsive website developed for local business.

Socialsaur.us

December 2013 to Present

Members: Jenny Barnes, Timothy Barnes

A service for making branded shortlinks to share URLs on social networks.

No-Dice.Net

October 2012 to Present

Members: Jenny Barnes, Timothy Barnes, Steven Lepire

Linksert

October 2013 to Present

Members: Jenny Barnes, Timothy Barnes

Rewriting website, API, link shortener, and administration site using Zend Framework 2.

Languages

Japanese

Spanish

Skills & Expertise

User Interface

CSS

MySQL

C#

PHP

C++

Microsoft SQL Server

JavaScript

Linux

Mac OS X

.NET

JSON

Firebug

W3C Validation

XHTML

Cross-browser Compatibility

jQuery

jQuery UI

JSP

JDBC

HTML

CSS2

Semantic Web

Prototype

Scriptaculous

Prototype.js

User Experience

Information Architecture

User-centered Design

3D rendering

Poser

Objective-C

Xcode

AppleScript

Python

Django

Pygame

Subversion

CVS

NetBeans

Github

Git

PostgreSQL
Struts
Photoshop
Inkscape
Ruby on Rails
Java
JSTL
OS X

Education

University of Mary Washington

BS, Computer Science, International Affairs, 2002 - 2005

Activities and Societies: Upsilon Pi Epsilon

Germanna Community College

AA&S, Liberal Arts, 2000 - 2002

Interests

User Interaction, RPGs, 3D Art, Music

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3 people have recommended Jenny

"Jennifer is a talented UI/UX designer, an excellent strategist, brilliant at social media management, and a skilled coder to boot."

— **Timothy Barnes**, *President/Owner, No Dice, LLC*, managed Jenny at No Dice, LLC.

"While at Intellibot Robotics, Jenny developed a web interface for our products that remains in wide use today. The interface is flexible, powerful, and maintainable, an important part of the serviceability of the machine in the field. I learned quite a bit of PHP from reading that code."

— **Daniel Daly**, *Software Technical Lead, Intellibot Robotics*, managed Jenny indirectly at Intellibot Robotics

"Jemmifer's work while at CorpComm was outstanding."

— **April Scott Gallahan**, *Business Analyst, CorpComm, Inc*, worked with Jenny at CorpComm, Inc

[Contact Jenny on LinkedIn](#)