

Dena M. Broderick

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(785) 865-7449

I am diligent, persistent, and committed to excellence in all activities with the ability to consistently create a positive working environment and enthusiasm for projects

EDUCATION:	The University of Kansas Bachelor of Science in Computer Science	Lawrence, Kansas <i>December 2006</i>
	Cowley College Associate of Science in Computer Engineering	Arkansas City, Kansas <i>May 2003</i>

PROFESSIONAL EXPERIENCE:

King Arthur Flour	Norwich, Vermont
<i>Web Engineer II</i>	<i>July 2015 – Present</i>
<i>Web Engineer I</i>	<i>March 2013 – July 2015</i>

- Work with internal clients to provide applications and features needed for the day to day operations of the company by adding new to and modifying current servlets in our codebase.
- Lead transition from HipChat to Slack for team collaboration and integrate with services.
- Use Java, PostgreSQL, HTML, JavaScript, Ajax to
- Integrated a new email service provider via SAX messaging to a SOAP web service.
- Incorporated captcha on multiple pages of our site to help reduce spam
- Created a special order system that merged three separate systems together and then later integrated it into a new point of sale system.
- Create documentation to record current processes and help train other new employees
- Added a user/pswd functionality so users of our internal application could have separate accounts and permissions.
- Continuously tested our software and code

Kansas State Legislature	Topeka, Kansas
<i>Desktop Applications Developer</i>	<i>September 2012 – March 2013</i>

- Use Java, Python, and Star Basic to create and modify applications with the KLISS system
- Use Netbeans IDE and Open Office Basic
- Create documentation to record current processes and help train other new employees

Dena's Photography	Lawrence, Kansas
<i>Owner/Photographer</i>	<i>July 2010 – Present</i>

- www.denasphotography.com

Kiewit Power Engineers Lenexa, Kansas	
<i>Applications Developer</i>	<i>January 2007 – April 2009</i>

- Use Java, Java Struts, MySql, Jsp, Html, and CSS to create applications according to specifications, which often were specified by client
- Responsible for creating and maintaining reports using Crystal Reports
- Create standards documentation to record processes and expectations of current and future processes and applications
- Conceive, design, and test logical structure of database and web applications
- Train and mentor others in my department

Netopia, Inc.*Quality Assurance Intern***Lawrence, Kansas***August 2005 – December 2006*

- Work with a team of software developers
- Write and implement test plans
- Perform bug regression on each bug as it is fixed

Tastefully Simple*Team Leader and Independent Consultant***Lawrence, Kansas***June 2008 – March 2012*

- Conduct presentations, Collect orders, maintain a high volume client care system, Schedule and hold events and business meetings, Coach and encourage a team of other consultants

Applebee's*Server***Lawrence/Andover, Kansas***June 2004 - February 2006***TECHNICAL
SKILLS:**

- Programming: Java, HTML, PostgreSQL, JavaScript, C++, Scheme, Perl, MYSQL, ReactJS, Python (Jython)
- Microsoft Office, Open Office
- Adobe Photoshop, Adobe Illustrator, Adobe Lightroom
- Calculus I, II, and III, Differential Equations, Discrete Structures
- Five Years of Spanish
- Knowledge of Linux and Windows

HONORS/AWARDS:

National Honors Society, Mu Alpha Theta, Phi Theta Kappa, AmeriCorps Education Award

TRAINING:

- Completed Codecademy course Build Front-End Web Apps From Scratch using JavaScript and ReactJS in 2018
- Attended Kansas City Developer Conference 2017, 2018
- Completed the following at New Horizons Computer Learning Centers (2007-2009):
 - SQL Querying Level 1 Fundamentals of Querying
 - SQL Querying Level 2 Advanced Querying
 - HTML 4.01: Web Authoring – Levels 1 - 3
 - Java 2: Programming Language
- American Red Cross: Adult & Child CPR Training, Leadership Training, Americans with Disabilities Act, Laubach Literacy Action (2002)

**VOLUNTEER
EXPERIENCE:**

- Participate in regular monthly workshops and extra operations work with Bridget's Cradles, a non-profit organization based in Wichita, KS
- Conduct events for Kiewit's Employee Association Team (07, 08, 09)
- Conduct events and fundraisers for March of Dimes and United Way (07, 08, 09)
- Company Coordinator for Kansas City Corporate Challenge (09)
- President of Fountain Homes Home Owner's Association (Aug 2006 – Dec 2010)
- AmeriCorps – completed 900 hours of service