

# Chris Barrett

Software Engineer

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## WORK EXPERIENCE

2011 - Present	<div>SitePen, Inc.</div> <div>JavaScript Software Engineer</div> <div>Using rough specs, developed and supported a major online educational course management system</div> <div>Helped save a major financial organization's web app from the brink of failure with performance fixes and rewrites</div> <div>Contributed to the Dojo Foundation project dgrid</div> <div>Wrote and updated Dojo tutorials and documentation</div>
2008 - 2011	<div>University of Wisconsin Madison</div> <div>Learning Solutions - Academic Technologist</div> <div>Crafted educational games and simulations:</div> <div><div>Malaria</div> - simulation of malaria education, prevention, and response</div> <div><div>VirtualCase</div> - simulation of a clinical environment for the Schools of Pharmacy, Nursing, and Medicine</div> <div><div>Commodities Risk Management</div> - simulation of commodities market</div> <div>Shared Development Group</div> <div>Worked on Ruby, Python, and Java Apps to match a RoR app with the Djabatoka Image Server</div>
2007 - 2008	<div>University of Wisconsin Madison - Health Services</div> <div>Web Developer</div> <div>Supported SHIP (Student Health Insurance Program) Online</div> <div>Developed enhancements and bug fixes</div> <div>Integrated Crystal Reports 10</div>
2006 - 2007	<div>dChron, Inc.</div> <div>Application Developer</div> <div>Involved in all aspects of the SDLC for dComm (data communication software)</div> <div>Hacked automated timeclocks and developed communication protocols</div> <div>Developed both <a href="http://www.dchron.com">www.dchron.com</a> and <a href="http://www.timetrakmidwest.com">www.timetrakmidwest.com</a></div>
2004 - 2006	<div>Northwestern Mutual</div> <div>Systems Specialist</div> <div>Supported the largest and most complex insurance system at NM</div> <div>Debugged extensively in both VB and Oracle</div> <div>Ran many small projects from design to implementation</div> <div>Supported nightly processing</div> <div>Primary contact between business users and team</div>

## EDUCATION

2000 - 2004	<div>Bachelor of Science</div> <div>UW-Whitewater</div> <div>Major: Management Computer Systems</div> <div>Minor: Web Development and Administration</div>
1996 - 2000	<div>Burlington High School, UW Parkside</div> <div>AP C++, Two semesters of C++</div>

## SKILLS

Languages	Databases	Frameworks
Javascript	mysql	Zend Framework
PHP	SQL Server	Rails
Ruby	Oracle	CodeIgnitor
Python	DB2	Moodle
Perl	hsqldb	Drupal
Java	postgres	WordPress
ColdFusion	mongo	<div>Servers</div>
PL/SQL	VCS	Apache Tomcat
C++	SVN, GIT	Node Jetty

# Projects

dgrid	<div><div></div><div></div></div> <div><h2>dgrid - Dojo Foundation</h2><p><a href="https://github.com/sitepen/dgrid">https://github.com/sitepen/dgrid</a></p><p>I contributed to the development of dgrid; a next generation datagrid that lives within the Dojo Foundation. dgrid is built using the latest version of Dojo: 1.7, and is light-weight, mobile-ready, and extremely easy to use.</p></div>	<div>Technolgies</div> <div>Dojo 1.7+</div> <div>JavaScript</div> <div>HTML</div> <div>CSS</div>
Birdie	<div><div></div><div></div></div> <div><h2>Birdie Publishing</h2><p><a href="http://www.birdiepublishing.com">http://www.birdiepublishing.com</a></p><p>Birdie Publishing is a small publishing firm in the craft/resale niche market. The site is mostly written using the Dojo Toolkit, including a small online catalog and a smart form to get listed in their guides.</p></div>	<div>Technolgies</div> <div>Dojo 1.6</div> <div>JavaScript</div> <div>PHP/mysql</div> <div>HTML</div> <div>CSS</div>
CRM	<div><div></div><div></div></div> <div><h2>Commodities Risk Management</h2><p><a href="http://crm.doit.wisc.edu">http://crm.doit.wisc.edu</a></p><p>Commodities Risk Management is a grant funded project to develop a simulation of the commodities market. This prototype is live and under development, but will be used in the classroom during the spring semester. The UI in this app is almost 100% javascript courtesy of the Dojo toolkit.</p></div>	<div>Technolgies</div> <div>Dojo 1.6</div> <div>PHP/ZendFramework</div> <div>JavaScript</div> <div>mysql</div> <div>HTML</div> <div>CSS</div>
VirtualCase	<div><div></div><div></div></div> <div><h2>VirtualCase Moodle Module</h2><p>The VirtualCase Moodle module was built for the University of Wisconsin School of Pharmacy. VirtualCase is a clinical environment simulation, it uses a dynamic branching tree to allow the students to traverse a decision making process. This module was written in PHP with some front end YUI JavaScript.</p></div>	<div>Technolgies</div> <div>Moodle</div> <div>PHP/mysql</div> <div>JavaScript/YUI</div> <div>HTML</div> <div>CSS</div>