

Chris Barrett

Software Engineer

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Phone:

WORK EXPERIENCE

- 2012 - Present + **Flexion, Inc.**
 - Team Lead / JavaScript Software Engineer**
 - Brought expertise to a struggling project and successfully deployed a new product to market
 - Single Page standardized testing app with strict requirements
 - Used backbone.js, coffeescript, d3.js as well as the web audio api
- 2012 - 2012 + **Toura, LLC.**
 - JavaScript Software Engineer**
 - Lead JavaScript developer for the open source Mulberry toolkits
 - Mulberry is a JS framework that allows you to build mobile apps, platform agnostic
 - Built on the Dojo Toolkit as well as PhoneGap
 - Wrote custom Android and iOS plugins
- 2011 - 2012 + **SitePen, Inc.**
 - JavaScript Software Engineer**
 - Using rough specs, developed and supported a major online educational course management system
 - Helped save a major financial organization's web app from the brink of failure with performance fixes and rewrites
 - Contributed to the Dojo Foundation project dgrid
 - Wrote and updated Dojo tutorials and documentation
- 2008 - 2011 + **University of Wisconsin Madison**
 - Learning Solutions - Academic Technologist**
 - Crafted educational games and simulations:
 - Malaria** - simulation of malaria education, prevention, and response
 - VirtualCase** - simulation of a clinical environment for the Schools of Pharmacy, Nursing, and Medicine
 - Commodities Risk Management** - simulation of commodities market
 - Shared Development Group**
 - Worked on Ruby, Python, and Java Apps to match a RoR app with the Djatoka Image Server
- 2007 - 2008 + **University of Wisconsin Madison - Health Services**
 - Web Developer**
 - Supported SHIP (Student Health Insurance Program) Online
 - Developed enhancements and bug fixes
- 2006 - 2007 + **dChron, Inc.**
 - Application Developer**
 - Involved in all aspects of the SDLC for dComm (data communication software)
 - Hacked automated timeclocks and developed communication protocols
- 2004 - 2006 + **Northwestern Mutual**
 - Systems Specialist**
 - Supported the largest and most complex insurance system at NM
 - Ran many small projects from design to implementation
 - Primary contact between business users and team

EDUCATION

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

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	Servers
PL/SQL	VCS	Apache Tomcat
C++	SVN , GIT	Node Jetty

Projects

dgrid	+	dgrid - Dojo Foundation https://github.com/sitepen/dgrid I contributed to the development of dgrid; a next generation datagrid that lives within the Dojo Foundation. dgrid is lightweight, mobile-ready, and extremely easy to use.	Technologies Dojo 1.7+ JavaScript HTML CSS
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Birdie	+	Birdie Publishing http://www.birdiepublishing.com 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.	Technologies Dojo 1.6 JavaScript PHP/mysql HTML CSS
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CRM	+	Commodities Risk Management http://crm.doit.wisc.edu Commodities Risk Management is a grant funded project to develop a simulation of the commodities market. The UI in this app is almost 100% javascript courtesy of the Dojo toolkit.	Technologies Dojo 1.6 PHP/ZendFramework JavaScript mysql HTML CSS
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VirtualCase	+	VirtualCase Moodle Module 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.	Technologies Moodle PHP/mysql JavaScript/YUI HTML CSS
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