

Brad Mason

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- Objective:** To obtain a position in the software engineering field, with particular interest in mobile apps, web applications, and game programming & graphics.
- Education:** **Penn State Erie, The Behrend College**
Attended from September 2007 to May 2012 for a degree in Computer Science
- Work Experience:** **Front-end Web Developer**
Acatar
February 2013 – Present
- Worked with a small team to design and implement an online learning platform from the ground up. Wore many different hats, worked on various projects from the database & back-end up to the front-end
 - Learned how to organize and optimize code for larger-scale systems
 - Used MVC to build models for passing data around the back-end
 - Utilized MVVM architecture to deliver JSON to the front-end and display it using Knockout.js
- Front-end Web Developer**
KIT Solutions, LLC
August 2012 – February 2013
- Debugged and fixed GUI issues in HTML, CSS, and JavaScript
 - Wrote JavaScript to improve the user experience and increase interactivity
 - Restructured legacy HTML to improve layout, helped introduce SASS to the project
- Software Engineering Intern**
FMC Technologies, Inc.
February 2010 – May 2012
- Designed and implemented a web front-end for their next-gen product, using PHP, Apache, MySQL, HTML/CSS, and JavaScript
 - Implemented web sites utilizing real-time data from XML files using AJAX
 - Prototyped mobile applications using the Android SDK
 - Maintained legacy C/C++ programs
 - Maintained small form-factor Linux environments
 - Ran software tests and recorded bugs
- Projects:** **Student course management and scheduling web app**
- Designed and implemented by myself and three fellow Computer Science students
 - Utilized Facebook API for user login and AJAX to minimize page reloads
 - Implemented user sessions, stored data in a MySQL database
 - Built using PHP, MySQL, HTML/CSS, and JavaScript
- Scheduling and calendar application**
- Built by team of myself and two fellow Computer Science students using Java
 - Able to store and retrieve saved events
 - Multi-user, each user account had own name and password
 - Stored user settings and events to an XML settings file
- Programming Languages and Skills:**
- C# & ASP.NET, JavaScript & jQuery, HTML/CSS, PHP, C/C++, Java, Python
 - Visual Studio, Netbeans, Eclipse, Adobe Photoshop
 - Windows, OS X, Linux