Brad Mason

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Objective: To obtain a position in the software engineering field, with particular interest in mobile apps, web applications, user interface design, game programming & graphics, data visualization, and multi-touch computer interaction.

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**
KIT Solutions, LLC
August 2012 – Present
- Debug and fix GUI issues in HTML, CSS, and JavaScript
- Write JavaScript to improve the user experience and increase interactivity
- Restructure HTML to improve the page's layout, style pages using CSS

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

Student Consultant
Penn State Behrend Computer Center
January 2009 – February 2010
- Fixed problems with other student's computers
- Answered questions regarding lab workstations
- Troubleshot minor networking problems in the student labs
- Elevated advanced requests to supervisors
- Repaired and refilled printers

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/C++, C#, Java, Android SDK, PHP, HTML/CSS, JavaScript & jQuery, Python
- Visual Studio, Netbeans, Eclipse, Adobe Photoshop, Microsoft Office
- Windows, OS X, Linux

References available upon request