

Brad Mason

4124 Rickenbach Road • Gibsonia, PA 15044 • 724.816.7786

BradTMason@gmail.com • BradMason.net

- 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:** **Software Engineering Intern**
FMC Technologies, Inc.
February 2010 – Present
- Design and implement a web front-end for their next-gen product, using PHP, Apache, MySQL, HTML/CSS, and JavaScript
 - Implement web sites utilizing real-time data from XML files using AJAX
 - Prototype mobile applications using the Android SDK
 - Maintain legacy C/C++ programs
 - Maintain small form-factor Linux environments
 - Run software tests, record bugs
- Student Consultant**
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
 - 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
 - Built using Java
- 3D ray-tracing application**
- Able to render simple 3-dimensional scenes and output results to a bitmap file
 - Built using C++
- 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