Brad Paskewitz

Email: bpask1337@gmail.com
Phone: 609-731-8820

Objective:

I am seeking an exciting position as a software engineer/ web developer where I can contribute to a stimulating work environment. I enjoy solving difficult problems and am interested in a wide array of technologies ranging from desktop applications to mobile and web.

Technical Skills:

Programming Languages/Frameworks: Assembly, ASP, C, C++, CSS, HTML, Java, Javascript, JQuery, Ruby, Ruby on Rails, SQL, VBScript, Verilog
Design Principles: MVC Architecture, Object-Oriented Design, GRASP Principles, Database Normalization
Tools: Netbeans, Visual Studio, MS SQL Server Management Studio, Maplesoft Maple (Mathematics Modelling Software)

Education:

Lehigh University, Bethlehem, PA
Degree Earned: B.S. Computer Engineering, May 2012
Relevant Courses: Digital System Design, Signals and Systems, Systems Software, Software Engineering, Electronics Circuits, Digital Systems Lab, Computer Architecture, Operating System Design, Computer Graphics, Network Security, Database Systems and Applications, Lehigh in Silicon Valley 2012

Related Experience:

Personal Website, September 2012-Present
- Built from scratch using Ruby on Rails, HTML5, CSS3 and a MySQL database
- Learned Ruby on Rails independently in my spare time as a project prerequisite
- Researched industry standards and best practices to optimize code
- Demonstrates my ability to plan, prepare, and execute an advanced, multi-faceted software project.

Themes: Design, Organization, Problem Solving, MVC Web Development

Application Developer, Wedbush Securities, Los Angeles, CA, July 2012-Present
- Completed a website overhaul which saved the company over $50k
- Expanded functionality of the website with the implementation of new pages
- Optimized database queries to minimize run-times and maximize number-crunching efficiency
- Participated in team-based problem solving and planning

Themes: Web Development, Database Administration, Teamwork

Technical Intern, Paskewitz Asset Management, Edison, NJ, May 2009- Jan 2012
- Designed and implemented quantitative modelling programs
- Documented existing software modules
- Tested programs and analyzed results
- Collaborated with technical and non-technical co-workers in America and China

Themes: Requirements Gathering, Documentation, Testing, Debugging, Java Programming

Database Design Project, Database Systems and Applications, Lehigh University, January 2012-May 2012
- Designed and implemented a software application to model the activities of a fictional package-shipping enterprise
    - Designed a relational schema to translate business logic to optimal data organization
    - Created a database based on the relational schema
    - Created a GUI frontend to facilitate user interaction

Leadership/ Other Activities and Skills:
- Pi Kappa Alpha Fraternity
- Boy Scouts 2001-2008
- Lehigh IEEE Club
- Climbed Mt. Kilimanjaro
- Spanish: Conversational Proficiency