Dustin Crawford

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Career Objective

Entry-level software programmer with focus in web-based application development using C# and ASP.NET framework (4.0 & 4.5) with knowledge of database design and implementation using Microsoft SQL Server, as well as various other languages and frameworks, that is seeking an internship that will test my current level of knowledge and challenge me to learn new concepts beyond the fundamentals of both programming and database design.

Education

University of Southern Indiana	B.S. – Computer Science	Fall 2010 – Current

Qualifications

Programming Languages	C#, Java, Python	4 years
Relational Database Fundamentals and Design	Microsoft SQL Server, MySQL	2 years
Operating Systems	Microsoft Windows (Windows XP – Windows 10)	10 years
Software Applications	Microsoft Word, Excel, Access, PowerPoint (2003 – 2015)	8 years

Projects

CS483 – Senior Software Development Project   Spring 2015
University of Southern Indiana

- Working in team of six to develop a medium-scale software project of our choosing.
- Utilized agile development methodology, combined with pair programming to quickly iterate on features.
- Harnessing our working knowledge of C# and using a powerful IDE named *Unity* to create a card game similar to Hearthstone (developed by Blizzard Entertainment) or Magic: The Gathering.
    - Utilizes a 3-tiered hardware architecture consisting of a client, server, and back-end database.
    - Feature-complete in May 2015
- Source code can be viewed at: http://www.bitbucket.org/RunsWithBoars/sorq

Relevant Courses

CIS377 – Database Concepts   Spring 2014
University of Southern Indiana
- Studied the basic principles of database design (Unique Identifiers, Normalization, Cardinality and Modality)
- Modeled data using ERD models with Crow's Foot Notation.
- Worked in teams of two to develop a small database using Windows SQL Server 2008.

CS458 – Advanced Programming in C#   Spring 2014
University of Southern Indiana
- Developed web-based applications using ASP.NET and HTML/XAML
- Added CSS to further enhance the visual aesthetic of web applications.
- Integrated Microsoft Access Databases into applications.
- Secured web applications via the use of SSL, and used jQuery to provide additional functionality and polish to web applications.

CIS375 – System Analysis and Design   Spring 2014
University of Southern Indiana
- Studied the different SDLC methodologies, comparing the strengths and weaknesses of each approach.
- Discussed and created the deliverables of each stage of the SDLC

CS478 – Software Development   Fall 2014
University of Southern Indiana
- Studied the process of developing software in a team environment in a more in-depth manner.
- Examined the downfall of the different approaches to software development (agile programming/waterfall/etc methodologies).
- Worked in teams of six to develop a software application from scratch.