

JESSICA M. STAPE

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Education and Technical Skills:

School: Fulton School of Engineering,
Arizona State University

Majors: BS, Computer Systems Engineering
BS, Computer Science

Overall GPA: 3.25

Emphasis GPA: 3.33

Grad Date: May 2007

Coding Languages: Java, C++, C#, .Net Framework,
SQL, VBA

Database Tools: MS SQL Server, MS Access, Crystal Reports

School Projects:

E-Café – Spring 2005

Gathered requirements, designed, coded and tested a virtual restaurant application. The system allowed customers to enter their own orders, use built in entertainment, page waiters, and pay their own bills. Managers and waiters could monitor food orders, table status, reservations, and other options. The software was integrated with another team's who provided the kitchen's user experience. Application was coded in C# and the database was created in MS Access.

Insurance MS SQL Server Database – Spring 2007

Gathered requirements from real medical office for a database to track insurance company fee schedules in order to determine the most profitable companies. Design and built SQL Server database after minimizing redundancy and maximizing efficiency through ER diagrams, database schemas, and normal forms. Created complex queries and views in SQL.

Honeywell, WX Simulator – Spring 2007

Senior Project. Gathered requirements, designed, coded, and tested an application to simulate weather radar normally generated by expensive hardware. Personal contributions included writing a Software Requirement Spec (SRS) as well as a more detailed specification (SRDD) defining each method and its use. Created and executed a test plan for the final application.

Achievements and Awards:

- **President** - Sept 2004 – May 2005
Women In Computer Science at ASU
- **Director** – Spring 2007
ASU Annual Programming Competition
- **2006 Student Leadership Award**
Computer Science and Engineering Department, ASU
- **4 Year Provost Scholarship Winner**
Arizona State University
- **Army Commendation Medal** - May 2005

Objective:

Currently looking for a full time position beginning in June 2007.

Interested in a position with opportunities in all aspects of software development including: working with stakeholders to determine requirements, determining technical specifications, driving the development of a feature or product.

Selected Work Experience:

Microsoft Corporation – Summer 2006 Program Manager, Intern

Worked in the Windows Live Group to complete a specification document on a new feature in the area of micropayments. Met with partners and other stakeholders to determine requirements for the feature. Worked with internal accountants to discover and address legal implications. Worked with developers and testers to complete technical aspects of specification. Held and drove meetings through out entire specification process. Conducted a successful spec review and gave several presentations to Windows Live management.

Gilbert Center for Family Medicine – 2003–Pres Programming Specialist & Database Administrator

Work to continually improve medical record system. Create and modify template design and functionality. Generate queries, views, and stored procedures in MS SQL Server 2000. Produce Crystal Reports for patient handouts, monitoring employee productivity, determining revenue and other useful data for the medical providers/owners. Conduct essential upgrades to NextGen EMR database and implement new EMR features. Contributions essential in winning the 2006 Microsoft Healthcare Users Group Award for its division.

Microchip Technology Inc. – Mar 2003–May 2005 Product and Test Intern

Conducted quality control for manufactured parts. Aided Product Engineers in management of microcontroller fabrication process. Design, created, and implemented application to automate the generation of administrative documentation using a MS Access database, MS Word Mail merge, and Visual Basic.