

Christopher Wells

Objective

To obtain a Software Engineering position.

Education

Bachelor of Science in Computer Science
Georgia Institute of Technology

May 2006
Atlanta GA

GPA: 3.49. Major GPA: 3.60.

Specialized in Graphics and Visualization.

Honors and Awards: Dean's List (all semesters), Bank of America Joe Martin Scholarship (all semesters), HOPE scholarship (all semesters), High Honors

CS Specialization Courses Taken: Databases, Software Engineering, Graphics, AI, User Interface Design, Networking, Operating Systems, Video Game Design, Database Systems, Digital Video FX

Projects

- Developed graphics programs including (C/C++, OpenGL)
 - Ray-tracer with spheres and cylinders, Phong illumination model, shadows, and specular reflection
 - Cg program including edge-detection, a wavy surface, and displaying the Mandelbrot set
 - Random terrain generator using Cg for per-pixel lighting
 - Subdivision surface program for arbitrary polygonal models
 - Cloth simulator using a series of images to make a video texture
- Created an applet recreating the game of Scrabble for 1-4 players on one computer. (Java)
- Developed a database program for keeping track of album and user preferences on a team of 4 (Java, Oracle)
- Refactored and added functionality to an existing war-game application on a team of 4 (Java)
- Created a database system from scratch on a team of 3 (Java)
- Developed and maintain a web comic site built from scratch. (PHP, JavaScript, XHTML, CSS, MySQL)
- Developing an AJAX based chat program integrated with phpBB (PHP, JavaScript, XHTML, CSS, MySQL)
- Developing a Database backed file organization system (Java, MySQL)

Skills

- Proficient in Java, C, PHP, Javascript, XHTML/CSS, SQL, MySQL
- Working knowledge of C++, Cg, OpenGL, Basic, C#, and Lisp
- Proficient with MS Office, MS Visual Studio, Eclipse
- Comfortable with Windows 98/2000/XP, Redhat/Fedora Linux, and UNIX
- Familiar with design tools such as Visio and UML.
- Strong organizational skills.
- Ability to work effectively under minimal supervision.
- Fast learner; learned PHP and JavaScript in a week.