

Jacob M. Bolton

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SUMMARY Experienced computer science major with four years experience in information technology and customer support. Possesses strong software design and problem solving skills. Seeking a challenging software engineering position to fully utilize and further develop my skills.

EDUCATION Georgia Institute of Technology, Atlanta, GA
Bachelor of Science in Computer Science, expected May 2007

- Specialization in Computer Graphics
- Briarcliff Co-op Honor Society
- Major GPA 3.34/4.0

SKILLS

Software Design: Object-Oriented design, UML, unit testing, and software design patterns.
Computer Languages: Proficient in Java, C, some C++, HTML, CSS, PHP, Javascript, ASP, SQL, XML. Familiar with Processing, OpenGL, and CG. Adept at learning new languages and softwares.
Software: Eclipse, Inkscape, GIMP, Blender, OpenOffice, Microsoft Office.
Operating Systems: Windows, Mac OS X, Linux, and other UNIX-like operating systems.

EXPERIENCE

Project Manager, Senior Design Class, GA Tech, Atlanta, GA, Fall 2006

- Managed a team of four through the design and development of a defensive driving simulator.
- Coordinated feature requirements, specifications and implementations with the client.
- Designed the graphics subsystem that renders the entire application, including the 3D simulation.

Electronics Repair Technician, McCloy TV, Philadelphia, PA, June 2005 - August 2005

- Designed information acquisition software to assist in importing data directly from PDF format into an MS Access database.
- Performed electronics and computer repairs including on-site assistance of antennae installations.

Website Administrator, iMoviefest Team, GA Tech, Atlanta, GA, August 2001 - December 2006

- One of three founding advisors who established annual student film competitions.
- Designed graphics and logos for the student organization and its advertising materials.
- Created and administered website for event advertisement, information, and project management.

Peer Leader, Department of Housing, Georgia Institute of Technology, Atlanta, GA, 2001 - 2005

- Assisted up to 20 freshmen each year with academic and social development.

Information Technology Specialist, VirtuCom, Inc., Tucker, GA, August 2001 - August 2004

- Managed the technological needs of two school districts with up to 500 staff and 6,500 students.
- Handled needs assessment, solution development and implementation, server and data management, and technical support.
- At the direction of the president, developed and implemented a scalable e-commerce solution.

ACTIVITIES

Institute of Electrical and Electronics Engineers (IEEE), Member, 2000-2007
Association for Computing Machinery (ACM), Member, 2007
CampusMoviefest, Contestant, 2001-2007
Georgia Tech Freshman Experience, GT1000 Team Leader, 2001-2004
Georgia Tech Freshmen Activities Board, Advisor, 2001
Georgia Tech Hall Council, Secretary, 2000-2001