

Michael J. Miller

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Portfolio: <http://people.msoe.edu/millermj/>

Objective

A Software Engineering residency or internship with PIXAR providing me with the opportunity to creatively express my passion for designing and implementing intuitive technological solutions

Education

Milwaukee School of Engineering, Milwaukee, WI

- B.S. Computer Engineering; Minors: Math, Physics (Expected February 2009)
- 3.9 Cum. GPA, achieved Dean's List Honors each quarter.

Bonneville High School, Ogden, UT

- 3.9 Cum. GPA, Valedictorian.

Personal Experience

See portfolio for more information on these and other projects

Abrasion Hologram Printer

- Designed computer-controlled mechanism for "printing" 3D holograms by scratching arcs onto flat surfaces. Developed fully-interactive 3D graphics environment using custom matrix classes and transformations. (C#, C/C++)

SuperDoku

- Created a mobile Sudoku application focusing on an aesthetic and intuitive user interface. Freeware release was met with many positive reviews. (.NET Compact Framework)

Work Experience

Software Engineering Intern

8/2006 - Current Direct Supply, Inc., Milwaukee, WI

- Design, create and maintain software business solutions while researching and applying emerging technologies. Completed a year-long team project to develop software to customize, generate and send all financial invoices, statements and letters to Direct Supply's entire network of customers. (.NET, C++, SQL, VB6)

Skills

Languages: C#, C, C++, Java, VB.NET, VB6, SQL

Environments: Visual Studio, Eclipse, Qt, Maya, Blender, Windows, UNIX/LINUX

Coursework: *Graphics* (Computer Graphics, Data Structures)

Math (Laplace Transforms, Linear Algebra, Discrete Mathematics)

Physics (Wave Motion, Optics, Mechanics, Electricity, Magnetism)

Robotics (Control Systems, Embedded Computer System Design)

Circuits (Steady State and Transient Linear Networks, VLSI Design)

Involvement

Engineers Without Borders

Interarsity Christian Fellowship

Milwaukee Urban Plunge

Peer Mentoring

Orientation Assistant

Theatre Troupe

- References available upon request