

## TIMOTHY MILLS

### EDUCATION:

**Bachelor of Science, computer science and mathematics**  
Moravian College, Bethlehem, PA.

May 2009  
GPA 3.52

**Relevant courses:** Network Programming in C, Game Programming, Data Structures and Algorithms, Machine Language Programming, Senior Seminar (Software Design Course)

### COMPUTER SKILLS

**Operating Systems:** Linux, Unix, Windows Vista/XP/ME/98/95/3.1

**Applications:** Emacs, Eclipse IDE, GCC, NetBeans IDE, CVS

**Languages:** C, C++, Java (J2SE), some Python, LaTeX, HTML, XML

### RELATED EXPERIENCE

**Moravian College Internet Radio Station (WRMC)** / Computer Technician / January 2007 – May 2009

- Maintain Shoutcast servers(Linux) and DJ computer(Windows).
- Wrote scripts to report listener count via web browser for Djs.
- Wrote various other small scripts to help DJs/maintain computer.

**Association for Computing Machinery Programming Competitions** / Programmer /Octobers 2005 - 2008

- Worked on a team of 3 to complete programming problems.
- In 9/2007 our team won first place at our site (Wilkes University).
- Problems were both math and computer science oriented.

**Math Society** / Publicity Coordinator / August 2007 – May 2009

- Made a small web page using HTML, some PHP, and some CSS.

**Research Project** / Programmer / Moravian College / Bethlehem, PA / Summer of 2007

- Worked on small team to develop Java software for professor.
- Dealt with Swing libraries on the GUI.
- Developed a new segment of the software to view a card game as a tree of moves played.

**Open Source Project** / Designer and Programmer / Personal Project / Spring of 2007, Summer of 2008

- Created a program which provides a model of spherical geometry geared toward students.
- Used Java3D and Swing to create the interface.

### ADDITIONAL EXPERIENCE

**Sears** / Cashier/Service Desk / Newton, NJ / Summer & Winter of: 2004,2005,2006 Winter of: 2007

- Completed monetary transactions and drawer balances.
- Helped ensure customer satisfaction by handling problems.

**Moravian College** / Math Tutor / Bethlehem, PA / Spring Semester of 2009

- Tutored students who needed help in first and second level calculus classes that are offered at Moravian.

**Computer Science and Math Conference** / Presenter / Wooster, OH / November 2008

- Gave two presentations about work completed on the research project mentioned above as well as the project that models spherical geometry (also above).

**Moravian Math Conference** / Presenter / Bethlehem, PA / February 2008 and February 2009

- Each year gave a presentation about the mathematically interesting elements of the latest version of the spherical geometry software I had written.