

# Andrew Martz

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**CAREER OBJECTIVE:** To obtain a challenging cooperative education position in the Game Development and/or Information Technology related fields this summer.

**EDUCATION:** Currently pursuing a Bachelor of Science in Computer Game Design & Development and a Bachelor of Science in Information Technology at the Rochester Institute of Technology in Rochester, New York.  
**Expected graduation date:** May, 2011. **Current GPA:** 3.8 (4.0) as of Fall Quarter 2008.

**RELEVANT COURSES:** **Computing Courses:** Game Design Programming 1-3, Animation 1-2, Game Fundamentals 1-2, Data Structures and Algorithms Game Programming, Visual C++, Intro to Multi Media, Interactive Digital Media, Web Design and Imp., Database, and Computer Systems Fundamentals.  
**Math and Science Courses:** College Physics 1, Analytical Geometry, Data Analysis, and Discrete Math 1-2.

**COMPUTER SKILLS:** **Languages:** C#, C++, Java, HTML, ActionScript 3.  
**Applications:** Microsoft Visual Studio, JGrasp, Microsoft Office, Adobe Creative Suite 3

**PROJECTS:** **Computer Science 3 RAPT - RIT, Spring Quarter 2007**

- Worked on a team to develop an XNA game in C#.
- Wrote code to handle physics, magnetism, collision detection and game play mechanics.
- Wrote and implemented a Quad Tree to help with efficiency.

**Computer Science 2 RAPT - RIT, Winter Quarter 2007**

- Programmed an Unreal Tournament 2003 bot using C#.
- Wrote code to enable the bot to communicate with a server
- Wrote code to allow the bot to interact with other bots and player

**WORK EXPERIENCE:** **Teaching Assistant for RIT Game Design Programming 2, Fall Quarter 2008**

- Assisting the professor during and after class
- helping students overcome their programming difficulties
- Responsible for grading assignments and holding tutoring hours.

**Freshman Orientation Advisor - RIT Fall Quarter 2008**

- Responsible for helping facilitate the adjustment to college life at RIT.
- The key focus of this job was to be a mentor or guide for incoming students.

**Advanced Refinishing, Inc. - Dallas, Texas, Summer 2007 and 2008**

- Summer position at a powder coating and patio furniture repair company.
- Technology coordinator of all systems and most networks on premises.
- Installed a new network in a new building and upgraded a webserver.

**EXTRACURRICULAR ACTIVITIES:** **Member of Computer Science House, RIT, Spring quarter 2008 to Current.**

- A Special interest house at RIT that's focus is on computer and tech related projects.

**RIT Concert Band and Pep Band, Fall 2007 to current.**

- Plays clarinet with the RIT Concert Band at concerts and the RIT Pep Band at RIT Hockey games.

**Competitive Kart Racing - 1999 – 2006**

- 3 time KART National Champion, Junior 1 heavy 2 cycle, Junior 1 light 2 cycle and 80CC Shifter.

**INTERESTS AND HOBBYS:** **Hobbies:** Skateboarding, Snow Skiing, Playing Music, Listening to Music.  
**Interests:** Technology, Physics, Music, Storytelling, Graphic Design, and Problem Solving Using Computers.