

Ryan Hipple

Game Programmer

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Education

- Bloomsburg University
 - 2003 – 2007 - Graduated, B.S. in Computer Science with a minor in Web Development
 - **4.0 GPA major, 3.87 GPA cumulative**
- Carnegie Mellon University's Entertainment Technology Center
 - 2007 – 2009 (expected) - Pursuing a Masters in Entertainment Technology

Work Experience

- **Computer Technician**, Harleysville Computer Service Center, 06/06 – 09/06
 - Responsible for diagnosing and repairing hardware and software problems

Academic Experience

- **The Winds of Orbis**, Carnegie Mellon University, 01/08 – 04/08
 - Designed and programmed a game that uses the Wii controller and a dancepad to create an immersive and active game. The team had seven members who all had a part in the design, my role was programming in C# and python with the Panda3D engine.
 - I was also in charge of creating and maintaining the website.
- **Building Virtual Worlds**, Carnegie Mellon University, 08/07 – 12/07
 - Designed and created interactive worlds in interdisciplinary groups of four. My responsibility was to be the programmer. I used python and the Panda3D API.
- **Professors Assistant**, Bloomsburg University, 01/07 – 05/07
 - Organized a high school programming contest
 - Created a website of information and past results, designed t-shirts, handled registration and kept in contact with advisors for 67 teams
 - Graded work and helped students in software engineering and operating systems classes.
 - Programmed and organized parts of the software engineering class. This included meeting with the client to discuss progress and requirements
- **Independent Study**, Bloomsburg University, 09/03 – 05/07
 - Created a recipe management web site using PHP, MySQL, and a little AJAX.

Skills

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| • Java, C++, C#, Python | • Photoshop, Premiere, AfterEffects, Flash |
| • JavaScript, HTML, CSS, PHP, MySQL | • Maya and 3DS Max |

Honors / Additional Information

- Third place in the XO Game Jam to create games for the XO laptop - 11/07
- Outstanding Senior in Computer Science Award - 04/07
- Phi Kappa Phi Honor Society - 02/07
- National Deans List (Three Times) - 04/05 – 04/07
- Two Pennsylvania High School Computer Fair awards
- Received newly created Commitment to Technology Award in my senior year of high school

