

# Ryan Kornheisl

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## Skills

**Languages and APIs:** C/C++, OpenGL, Java, HTML/CSS, PHP, MySQL, Processing, L<sup>A</sup>T<sub>E</sub>X, shell scripting

**Computer and OS:** All versions of Windows, Linux, Mac OSX; Virtualization using Xen, VirtualBox, VMWare; General hardware and software installation, usage, and troubleshooting

**Other Traits:** Easily self-motivated, works great with a team, comfortable with version control, understands terms and process of art asset creation, handle basics for Source and Unreal toolkits

## Education

- **Clarkson University** Potsdam, NY  
*Bachelor of Science in Computer Science* Aug 2006 – May 2011
  - Received **Clarkson University Leadership Award:** Four year scholarship awarded to those who showed particular excellence in academics and leadership
  - Obtained a minor Psychology

## Experience

- **Clarkson Office of Information Technology** May 2007 – Aug 2007
  - Tested usability of various server applications, such as Zenoss, and their performance on enterprise-level Linux distributions
  - Wrote several tutorials on using Xen virtualization and server applications for their private wiki
  - Created a webpage to convert Lotus iNotes address book into an address book readable by Microsoft Exchange
- **Clarkson Open Source Institute** Aug 2006 – Present
  - Worked with peers teaching Linux, Open Source software, and basic coding
  - Developed and taught numerous basic Linux usage workshops
  - Participated in managing computers, servers, and Linux builds
  - Aided a Computer Science PhD student on his dissertation research utilizing Linux, Xen, and an in-house made recovery system
  - Involved in a team of writers for a book entitled *Running Xen: A Hands-On Guide to the Art of Virtualization*, a manual explaining the installation and running of guest machines, technical details, and general troubleshooting
  - Collaborated with a small team in writing a few examples of game designs for a game programming textbook
  - Participated in the Master the Mainframe competitions
- **Clarkson Independent Study** Jan 2011 – Present
  - Assisted a professor as lead programmer for an interactive installation named "Bodies of Words" with a Microsoft Kinect that was presented in a hotel lobby for the CCCC2011 conference in Atlanta Georgia
  - Under the guidance of a professor, developed and coded a game proof of concept from scratch
- **Clarkson/Aramark Food Service** Aug 2008 – Present
  - Provide assistance to the full-time cooks in preparing meals and serving hundreds of customers
  - Keep order at cooking stations