

Ryan Kornheisl

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Skills

Languages and APIs: C/C++, OpenGL, Java, HTML/CSS, PHP, MySQL, Processing, L^AT_EX, 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; Some experience with IBM mainframes

Education

- **Clarkson University** Potsdam, NY
Bachelor of Science in Computer Science GPA: 2.8 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 CCC2011 conference in Atlanta Georgia
 - Under the guidance of a professor, developed and coded a game proof of concept from scratch including some gameplay mechanics, render engine, and general architecture
- **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