

Robert Wespetal

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Experience

- 2015–present **Software Engineer II**,
Cray Inc., Saint Paul, MN.
- Currently working on Linux kernel filesystems and enhancing the continuous integration process for my team using Jenkins and OpenStack.
 - Provided guidance on future storage trends and technologies while working on an advanced development team. My primary focus was storage metadata and web scale distributed systems. I helped develop a prototype filesystem that utilizes a NoSQL database and an object store as a part of this research.
 - Developed Linux high-availability stack resources for storage systems and developed an OpenStack service to administer Pacemaker/Corosync.
 - Advised two interns during their work on a storage benchmarking project.
- 2012-2015 **Student System Administrator**,
UW-Madison Computer Sciences Dept., Madison, WI.
- My primary duties included Linux and Windows system administration and technical support for students and staff.
- Summer 2014 **IT Apps Intern**,
Humana, De Pere, WI.
- I helped enhance an MVC web application during this internship.

Education

- 2011-2015 **Bachelor of Science: Computer Science**,
University of Wisconsin, Madison, WI, 3.8/4.0 GPA.
- Graduate-level CS course work
 - Advanced Operating Systems: Co-developed an application to test multithreaded programs and wrote a short conference-style paper.
 - Intermediate-level CS course work
 - Intro to Information Security
 - Intro to Computer Networks
 - Intro to Operating Systems
 - Mobile Systems and Applications
 - Intro to Artificial Intelligence
 - Intro to Algorithms

Skills

Programming Languages	C, Python, Java	Linux	Kernel development, FUSE, Pacemaker/Corosync
Programming Tools	Ansible, Bash, Git, Jenkins	OpenStack	Administration, service development