

Robert Wespetal

Saint Paul, MN
✉ robert@wespetal.com
🌐 www.wespetal.com

Experience

- 2015–present **Software Engineer II,**
Cray Inc., Saint Paul, MN.
- Linux kernel filesystem developer for the DataWarp burst buffer product.
 - Worked on an advanced development team to provide guidance on future storage trends and technologies. 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.
 - Filesystem testing and continuous integration experience.
 - 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.

Publications

Raghunath Raja Chandrasekar, Lance Evans, and Robert Wespetal. [An Exploration into Object Storage for Exascale Supercomputers](#). In *Cray User Group Proceedings*, 2017.

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: Wrote a short conference-style paper on fuzzing multi-threaded applications.
 - 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

Languages: C, Python

Linux: Kernel development, FUSE, High availability

Tools: Ansible, Bash, Git, Jenkins

OpenStack: Administration, service development