Robert Wespetal

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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