

Stephanie Jones

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41 Grandview St. #1303, Santa Cruz, CA 95060

OBJECTIVE Finding a research position in the field of storage systems where I can work on challenging problems that involve file systems, data provenance, or data de-duplication.

EDUCATION **PhD Student, Computer Science**
University of California, Santa Cruz September 2007 – present
Advisor: Darrell Long
Current research is focused on Non-Hierarchical File Systems.

Master of Science, Computer Science
University of California, Santa Cruz December 2010

Bachelor of Science, Computer Science
University of California, Santa Cruz June 2007

EXPERIENCE **Yahoo!** Jun 2010 – Sept 2010
Intern for Yahoo! Research & Development
Investigate different file systems for disk fragmentation problems on different file systems and develop solutions.

NetApp June 2008 – Jun 2010
Intern for Advanced Technology Group
Worked on data de-duplication research projects within the Advanced Technology Group.

Storage Systems Research Center Jan 2008 – March 2008
Graduate Student Researcher
Processed and analyzed data sets to look for patterns that could allow for further data de-duplication.

Storage Systems Research Center Jun 2007 – Sep 2007
Graduate Student Researcher
Studied different file systems in order to create data structures for a view-based file system that would support queries similar to databases.

PUBLICATIONS Stephanie N. Jones, Christina R. Strong, Aleatha Parker-Wood, Alexandra Holloway, Darrell D. E. Long. Easing the Burdens of HPC File Management, *Proceedings of the 6th Parallel Data Storage Workshop (PDSW '11)*. November 2011.

Christina R. Strong, Stephanie N. Jones, Aleatha Parker-Wood, Alexandra Holloway, Darrell D. E. Long. Los Alamos National Laboratory Interviews, *Technical Report UCSC-SSRC-11-06*. September 2011.

Stephanie N. Jones, Christina R. Strong, Darrell D. E. Long, Ethan L. Miller. Tracking Emigrant Data via Transient Provenance, *Proceedings of the 3rd USENIX Workshop on the Theory and Practice of Provenance (TaPP '11)*. June 2011.

Stephanie N. Jones. Online De-duplication in a Log-Structured File System for Primary Storage, *Technical Report UCSC-SSRC-11-03*. May 2011.

Andrew Leung, Ethan L. Miller, Stephanie Jones. Scalable Security for Petascale Parallel File Systems, *Proceedings of SC '07*. November 2007.

TEACHING

Teaching Assistant, UC Santa Cruz

CMPS 111: Introduction to Operating Systems

Sep 2007 - Dec 2007

CMPS 111: Introduction to Operating Systems

Apr 2008 - Jun 2008

CMPS 5C: Introduction to Programming in C/C++

Sep 2010 - Dec 2010

**COMPUTER
SKILLS**

Languages & Software: C/C++, Java, Perl, Python, Lisp, XSLT

Operating Systems: Linux, UNIX, OS X, Windows