

Ian Adams

iadams@soe.ucsc.edu
(541) 377-1322

OBJECTIVE Furthering my education and experience to better prepare myself for work on problems involving archival storage, distributed, and peer-to-peer systems.

EDUCATION **MS-In Progress, Computer Science**
University of California, Santa Cruz September 2007 – present

Advisor: Ethan Miller

Current research is focused on techniques for automating management of a large scale distributed archival storage system.

Bachelor of Science, Computer Science. Minor in Mathematics
Linfield College, Cum Laude January 2007

EXPERIENCE **Storage Systems Research Center** June 2008 – present
Graduate Student Researcher

Research into techniques for automatic management of a large distributed archival storage system. These issues include examining issues in leadership election, optimally creating heterogeneous raid groups, communications, and maximizing desired system efficiency via tuneable heuristic weights.

Teaching Assistant, UC Santa Cruz January 2009 – present
Computer Science 5J-Introduction to Java Programming
Led discussion and review sessions for students. Assisted the professor with grading and general classroom duties.

Micron Technologies June 2006 – August 2006
ESDA Pattern Recognition-Software Engineering Intern
Worked with the pattern recognition group to create a tool analyze and compare pattern recognition information. Software created visually highlighted differences between bitmaps and identified errors in pattern recognition and repair information.

PUBLICATIONS Mark W. Storer, Kevin Greenan, Ian F. Adams, Ethan L. Miller, Darrell D. E. Long, Kaladhar Voruganti, "Logan: Automatic Management for Evolvable, Large-Scale, Archival Storage", *Proceedings of the 2008 Petascale Data Storage Workshop (PDSW 08)*

COMPUTER SKILLS *Primary Languages: C/C++, Java, Python*
Operating Systems: Linux, UNIX, Windows
Misc: Basic Algorithmic Analysis Techniques.