AMIT ARYEH LEVY

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PHONE: 206-651-5389   (Contact me for this)

EDUCATION

University of Washington, Seattle, WA
Master of Science, Expected December 2010
Computer Science
GPA 3.77

University of Washington, Seattle, WA
Bachelor of Science, August 2009
Computer Science, Economics
GPA 3.64

PUBLICATIONS

Comet: An Active Distributed Key-Value Store.
Roxana Geambasu, Amit Levy, Tadayoshi Kohno, Arvind Krishnamurthy, Henry M. Levy. To appear in Proceedings of OSDI, Vancouver, Canada, October 2010.

Vanish: Increasing Data Privacy with Self-Destructing Data.
Roxana Geambasu, Tadayoshi Kohno, Amit Levy, Henry M. Levy. In Proceedings of the USENIX Security Symposium, Montreal, Canada, August 2009. Won the **Outstanding Student Paper Award**.

WORK & RESEARCH EXPERIENCE

Research Assistant   UW Computer Science   January 2009 - Present
                                Seattle, WA
Working with PhD candidate Roxana Geambasu, and professors Henry Levy, Tadayoshi Kohno and Arvind Krishnamurthy on research in distributed systems and internet privacy

Software Engineer   Google   Summer 2010
                                Seattle, WA
Designed and developed tools to help improve job scheduling
Evaluated models for characterizing workloads on Google clusters

Software Engineer in Test   Google   Summer 2008
                                Mountain View, CA
Developed tools for managing distributed tests
Evangelized testable code practices
Contributed to Java API for distributed database

Software Developer   Grameen Foundation   Summer 2007
                                Seattle, WA
Contributed to MIFOS, an open source micro-finance banking suite:
Built and shipped Surveys/PPI module
Maintained and upgraded core MIFOS code
Reviewed patches from open-source community
Coordinated out-sourced developers
Responsible for module to keep track of office level holidays

Teaching Assistant   UW Computer Science   March 2007-December 2009
                              Seattle, WA

Lead sections
Determined grading criteria definition
Graded homework and exams
Assisted students in tutoring lab

PROJECTS

Instance Based Social Network Representation

Design and evaluation of a system for concisely representing a large social network using profile pictures of a few representative members
Done for graduate introductory Human-Computer Interaction course

Blizzard

A Distributed Queue
Done for graduate introductory systems course

Donut

A Robust Distributed Hash Table based on Chord
Done for an undergraduate distributed systems capstone

RidePooler

A web based social solution for facilitating car-pooling

HONORS AND AWARDS

Annual Dean's List - 2006/7, 2007/8
Dean's List - Fall 2008
Louis Armstrong Award 2005, from Mercer Island High School Jazz Band
2nd & 3rd places US Jr Nationals - Rowing. 2004, 2005