

# Daniel Epstein

University of Washington  
Paul G. Allen Center, Room 605  
Seattle, WA 98195

depstein@cs.washington.edu  
<http://www.depstein.net/>  
Mobile: 703-599-7653

## EDUCATION

- 2012-Present *Ph.D. Student in Computer Science and Engineering*  
**University of Washington**, Seattle, WA  
Area: Human-Computer Interaction, Ubiquitous Computing  
Advisor: James Fogarty
- 2008-2012 *B.S. Computer Science with Highest Distinction*  
**University of Virginia**, Charlottesville, VA  
GPA: 3.8/4.0  
Advisors: Kevin Skadron, Aaron Bloomfield
- 2004-2008 *High School Diploma*  
**Thomas Jefferson High School for Science and Technology**

## WORKSHOP PUBLICATIONS

- 2013 [W.2] **Daniel A. Epstein** and James Fogarty (2013). *Examining Obstacles to Sharing Fine-Grained Personal Activity Data*. Presented at the ACM Conference on Human Factors in Computing Systems Workshop on Personal Informatics in the Wild: Hacking Habits for Health & Happiness (CHI 2013).
- 2012 [W.1] **Daniel A. Epstein**, Kevin Skadron, and Brett H. Meyer (2012). *Multi-Granularity Redundancy in Multi-Core SIMT*. Presented at the IEEE International Workshop on Design for Manufacturability and Yield (DFM&Y 2012).

## POSTER

- 2012 [P.1] **Daniel A. Epstein**, Kevin Skadron, and Brett H. Meyer (2012). *SIMD Performance and Yield Optimization with Multi-granularity Redundancy*. Presented at the Work-in-Progress Session of the IEEE/ACM Design Automation Conference (DAC 2012).

## TEACHING EXPERIENCE

- 2013 **Software Design & Implementation** (CSE 331) *Winter 2013*, **Database Systems Internals** (CSE 444) *Spring 2013*  
University of Washington, Computer Science & Engineering  
Weekly **Tutor** for groups of undergraduate students
- 2012 **Introduction to Programming** (CS 1110), *Spring 2012*  
University of Virginia, Computer Science  
**Teaching Assistant** for Mark Sherriff

- 2012      **Operating Systems** (CS 4414), *Spring 2012*  
University of Virginia, Computer Science  
**Teaching Assistant** for Kevin Skadron
- 2011      **Game Design** (CS 4501), *Fall 2011*  
University of Virginia, Computer Science  
**Teaching Assistant** for Aaron Bloomfield
- 2010-2011      **Algorithms** (CS 4102), *Fall 2010 & Spring 2011*  
University of Virginia, Computer Science  
**Teaching Assistant** for Aaron Bloomfield
- 2009-2010      **Program and Data Representation** (CS 2150), *Fall 2009 & Spring 2010*  
University of Virginia, Computer Science  
**Teaching Assistant** for Aaron Bloomfield

## PROFESSIONAL EXPERIENCE

- 2012-Present      **University of Washington, DUB Group**, Seattle, WA  
*Research Assistant*  
Advisor: James Fogarty  
Exploring social sharing in personal informatics applications, looking to maximize benefits while mitigating concerns of privacy invasion
- 2010-2012      **University of Virginia, Computer Architecture Lab**, Charlottesville, VA  
*Undergraduate Research Assistant*  
Advisors: Kevin Skadron, Brett Meyer  
Examined using redundancy to increase the reliability of processor manufacturing in single-instruction, multiple-data (SIMD) processors
- Summer 2011, 2012      **Microsoft, Interactive Entertainment Business**, Redmond, WA  
*Software Development Engineer in Test Intern*  
Wrote web service test framework for issuing game console commands for all major smartphones

## AWARDS AND HONORS

- 2012      Louis T. Rader UVA CS Departmental award for excellence in service
- 2011      Louis T. Rader UVA CS Departmental award for excellence in teaching (for CS 4102, Algorithms)
- 2011      International Collegiate Programming Competition (ICPC) World Finalist