

Victoria R. Kirst

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<http://www.victoriakirst.com>

EDUCATION

Master's Degree in Computer Science
University of Washington, Seattle, WA
Cumulative GPA: 3.81

Expected March 2010

B.S. Degree in Computer Science, Minor in Mathematics
University of Washington, Seattle, WA
CS GPA: 3.76; Math GPA: 3.93; Cumulative GPA: 3.71

December 2008

EXPERIENCE

University of Washington Computer Science & Engineering, Seattle, WA
Predoctoral Instructor for Intro to Computer Science (CSE 142)

Summer 2009

- Gave hour-long lectures 3 days per week on introductory Java programming
- Managed course, ran TA meetings; advised TAs how to run their weekly sections and grade assignments, exams

University of Washington Computer Science & Engineering, Seattle, WA
Head Teaching Assistant for Intro to Computer Science (CSE 142)

Winter 2007 – Spring 2009

- Met with instructors weekly to discuss lecture plans, homework assignments, and overall state of course
- Managed TA meetings, exam grading, assignment criteria, exam and homework regrading
- Wrote Facebook app using PHP and MySQL for use in course; maintained TA wiki, course website, and class discussion board
- Worked 2 hours per week as drop-in tutor for Introductory Programming Lab (IPL)

Cisco Systems
Software Intern

June 2008 – October 2008

- Wrote Conversation Walker in C# for Tech Pubs: tool to visually "walk" the Unity voice mail conversation
 - Rewrote Unity's Advanced Settings Tool from VB6 to C#: enhanced GUI, fixed bugs, added feature requests
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PROJECTS

RFID Desktop Search

Autumn 2009 – Present

Tool to allow users to search for files that are connected to a particular physical event, such as a search for all documents examined during a group meeting. Developing both the mechanism to store dates of all file accesses (as opposed to "last accessed" date) and the desktop search tool itself. Project to be an application in the UW RFID Ecosystem led by grad student Evan Welbourne.

Automatic Kernel-level Disk Defragmenter

Spring 2009

Modifications to the Windows 2000 NT file system that facilitated the automatic defragmentation of files on a per-need basis as determined by the operating system. Senior capstone project for Operating Systems.

See personal website for more projects and samples of my work: <http://www.victoriakirst.com>

TECHNOLOGIES

- Java, C, C++, C#, Ruby, MIPS asm, PHP, SQL, JavaScript, AJAX, XHTML, CSS, XML
 - Windows API, Facebook Development Platform, Prototype JavaScript library
 - MySQL, PostgreSQL, Eclipse, Visual Studio, Unix, svn, Photoshop, Illustrator
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PUBLICATIONS

- Co-authored *A "CS 1.5" Web Programming Course*, published at SIGCSE 2009.
 - Co-authored *Web Programming Step by Step* textbook, ISBN 978-0-578-01239-1.
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AWARDS AND SCHOLARSHIPS

Bob Bandes Memorial Award for Excellence in Teaching, Winner 2007-2008, Honorable Mention 2008-2009
2006 Washington Scholars Grant, full tuition / 2006-2010
UW Undergraduate Scholarship, \$4000 / 2006-2008; Glerum Family Scholarship, \$1000 / 2006-2007
Pierce College Outstanding Student of the Year for English, 2005; Outstanding Student of the Year for Korean, 2006

References Available upon Request