

**Joel W. Ross**  
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## Education

**University of California, Irvine**, Irvine, CA 2007 – present  
Ph.D. student Information and Computer Sciences, Informatics (Ubiquitous Computing)  
Advisor: Bill Tomlinson

**The Colorado College**, Colorado Springs, CO May 2006  
Bachelor of Arts, Double Major: Mathematics (emphasis on Computer Science) and English  
GPA: 3.88 Overall, 3.97 Mathematics

### *Honors*

- Distinction in Mathematics (emphasis on Computer Science)
- Distinction in English
- Phi Beta Kappa Honor Society

### *Course Highlights*

- Computer Graphics, Analysis of Algorithms, Fundamentals of Operating Systems, Graph Theory, Mathematical Analysis, Abstract Algebra, Intermediate Screenwriting, Advanced Filmmaking

## Computer Skills

- Java, C++, C, SQL, HTML/CSS, PHP, Javascript
- OpenGL, Java3D, JMF, JAI
- Microsoft Windows, Mac OS X, and Linux operating systems
- Final Cut Pro, Maya, Photoshop/GIMP
- Advanced Microsoft Office (Word, Excel, Access, Front Page, PowerPoint)
- Mathematica

## Experience

**Graduate Student Researcher** July 2007 – September 2007  
Professor Bill Tomlinson, University of California, Irvine

- Assisted in the redevelopment and evaluation of web-based environmental information database.
- Planned future research projects.

**Paraprofessional** August 2006 – May 2007  
Economics and Business Department, The Colorado College

- Managed department computer lab of 13 computers and 10 laptops
- Set-up audio/visual equipment, including laptops with projectors for PowerPoint presentations, for the department on a daily basis
- Troubleshoot computer problems for both lab and personal machines
- Updated and maintained department website, including design adjustments
- Established electronic course evaluation system for department using an online system (SurveyMonkey.com) and Microsoft Access (created procedures for administering evaluations)

**Government Documents Student Assistant** April 2003 – August 2006  
Tutt Library, The Colorado College

- Organized incoming documents (paper, microfiche, and CDs) and entered them into library's database
- Located and obtained computer records in OCLC for both old and new documents
- Verified and adjusted content and presentation of computer records, including identifying and correcting problematic records
- Gained insight into database management, organization, and maintenance
- Created documentation for all procedures followed