

# Peter Khooshabeh

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University of California,  
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## EDUCATION

### UNIVERSITY OF CALIFORNIA, SANTA BARBARA

Master of Arts in Psychology granted June 2006,  
GPA: 3.9

PhD expected June 2009

### UNIVERSITY OF CALIFORNIA, BERKELEY

Graduated with Honors May 2004, GPA: 3.7  
Bachelor of Arts in Cognitive Science, Minors in  
Electrical Engineering & Computer  
Science

## EXPERIENCE

- 9/04 – present **UNIVERSITY OF CALIFORNIA** Graduate Student Researcher *Santa Barbara, CA*
- Research and development of 3-D visualizations for medical education simulations
  - Conducted experiments to study how immersive interaction techniques influence performance in a cross-section inference and drawing task
  - Currently studying individual differences in cognitive style for performing spatial transformations in multimedia
- 5/08 – 8/08 **AIR FORCE RESEARCH LABORATORY** Researcher *Mesa, AZ*
- Conducted eyetracking and modified computational cognitive models that resulted in new analyses
- 6/06 – 9/06 **LAWRENCE LIVERMORE NATIONAL LABORATORY** User Experience Engineer *Livermore, CA*
- Designed and implemented social network visualization for national security intelligence analysts
- 6/05 – 9/05 **IBM RESEARCH, USER SCIENCES AND EXPERIENCES RESEARCH** Intern *San Jose, CA*
- Designed, implemented, and evaluated a policy-based interface for an eCommerce website simulation.
  - Coauthored long-paper submission that was accepted to the Autonomic Computing conference
- 6/04 – 9/04 **NASA AMES RESEARCH CENTER, HUMAN FACTORS DIVISION** Research Assistant *Moffett Field, CA*
- Advanced Displays and Spatial Perception Laboratory: Implemented and conducted a study for an interface to augment teleoperated devices
- 8/01 – 5/04 **GROUP FOR USER INTERFACE RESEARCH** Computer Science Research Assistant *Berkeley, CA*
- Wrote honors thesis based on my experimental research with a virtual reality simulation of an ultrasound medical imaging system; Designed, deployed, and evaluated a prototype of a context-aware kitchen inventory system and DENIM, a sketch-based tool for website rapid prototyping. Extended functionality for designers to prototype websites for mobile devices. Also implemented scrollbar functionality and conducted user evaluation

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## ACTIVITIES

6/07 – present **THE ALLIANCE FOR GRADUATE EDUCATION AND THE PROFESSORiate** Co-president *Santa Barbara, CA*

- Matriculating a diverse graduate student population through professional development workshops

6/07 – present **Ad-hoc reviewer for various journals and conference proceedings**

- Read papers in the fields of human-computer interaction (HCI) and cognitive science;
  - Human Factors and Ergonomics Society
  - Association for Computing Machinery HCI conference
  - International Conference on Multimodal Interfaces
  - Interacting with Computers Journal

8/03 – present **BERKELEY FOUNDATION FOR OPPORTUNITIES IN INFORMATION TECHNOLOGY** Instructor *Berkeley, CA*

- Teach computer science and problem solving skills to underrepresented students from junior high in an intensive summer program

## SKILLS AND INTERESTS

- Experience in Scheme, LISP, HTML, Python, Java
- Musician (vocals and percussion) – particularly classical Middle Eastern music
- Runner and avid reader especially to continue learning Spanish, Assyrian, Farsi, and Arabic – fluent in all but Arabic

## AWARDS

- Department of Homeland Security Graduate Research Fellow
- National Science Foundation (NSF) IGERT Fellow – Interdisciplinary Training
- NSF Computer Science, Engineering, and Mathematics Scholarship
- Golden Key International Honour Society top inductee