

**Behzad Sajadi****E-mail:** [bsajadi@uci.edu](mailto:bsajadi@uci.edu)**Phone number:** (949) 903-57-41**Address:** 5514, Verano Place, Irvine, CA 92617

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**EDUCATION****University of California, Irvine (Irvine, CA)**

Sep. 2007-Present

- Ph.D., Computer Science/Computer Graphics, GPA 3.976/4

**Sharif University of Technology (Tehran, Iran)**

Sep. 2002-Jun. 2006

- B.S., Computer Engineering/Software, GPA 17.8/20

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**RESEARCH INTERESTS**

Computer Graphics

Vision

Image Processing

Visualization

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**PUBLICATIONS**

**Behzad Sajadi**, Yan Huang, Pablo Diaz-Gutierrez, Sung-Eui Yoon, M. Gopi, "*A Novel Page-Based Data Structure for Interactive Walkthroughs*", ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games (I3D) 2009.

**Behzad Sajadi**, Aditi Majumder, "*Maintaining Color Consistency Across Non-Linear Devices*", International Symposium of Society for Information Display (SID), 2009.

Maxim Lazarov, Hamed Pirsivash, **Behzad Sajadi**, Uddipan Mukherjee, Aditi Majumder, "*Data Handling Displays*", IEEE/ACM International Workshop on Projector-Camera Systems (Procams) 2009

**Behzad Sajadi**, Aditi Majumder, "*Markerless View-Independent Registration of Multiple Distorted Projectors on Extruded Surfaces Using Uncalibrated Camera*", IEEE Visualization 2009

**Behzad Sajadi**, Maxim Lazarov, M. Gopi, Aditi Majumder, "*Color Seamlessness in Multi-Projector Displays Using Constrained Gamut Orphing*", IEEE Visualization 2009

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**PATENTS**

**Behzad Sajadi**, Yasuhiro Komor, Hung Khei Huang, "*Digital Projector with Autofocus*", Under review

**Behzad Sajadi**, Yasuhiro Komor, Hung Khei Huang, "*Image projection system with keystone correction*", Under review

**Behzad Sajadi**, Yasuhiro Komor, Hung Khei Huang, "*Screen Profile for WCS*", Under review

**Behzad Sajadi**, Yasuhiro Komor, Hung Khei Huang, "*Accounting for spatial variations in WCS*", Under review

**Behzad Sajadi**, Aditi Majumder, "*An Accurate Direct and Inverse Color Transfer Function*", Under review

**Behzad Sajadi**, Aditi Majumder, "*Title : Markerless Geometric Registration of Multiple Projectors (with or without distortions) on Cylindrical and Other Extruded Surfaces Using an Uncalibrated Camera*", Under review

Aditi Majumder, M. Gopi, **Behzad Sajadi**, "*Color Seamlessness in Tiled Displays*", Under review

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**WORK EXPERIENCES**

Walt Disney Imagineering: Consultant and researcher (Summer 2009)

CDA (Canon Development Americas): Research based internship (Summer 2008)

Graduate research assistant in the computer graphics and visualization laboratory (UCIrvine)

Research assistant in codec and video compression laboratory (Sharif University, 4<sup>th</sup> year)

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Teacher assistant of computer graphics course (Sharif University, 4<sup>th</sup> year)  
Teacher assistant of design and analysis of algorithms course (Sharif University, 3<sup>rd</sup> year)  
Teacher assistant of computer structure and language course (Sharif University, 2<sup>nd</sup> year)  
ITRC (Information Technology Research Center): Project manager (2006-07)  
AICTC (Advanced Information and Communication Technology Center): Web application designer and developer (2005-06)  
Asr Gooyesh: User interface designer and programmer. (2004-05)

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#### HONORS & AWARDS

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Recipient of Dean's Fellowship from UCI, including 4 years of full financial support.  
Silver medal of computer national Olympiad in Iran in year 2001.  
Ranked 66<sup>th</sup> among over 500,000 participants in National University Entrance Examination for Engineering and Applied Mathematics  
Achieved 5th place among more than 10000 applicants in entrance examination of master degree of Software Engineering when just participated for the evaluation of abilities.

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#### TECHNICAL SKILLS

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##### **Languages**

- Proficient in: C and C++, Java, Matlab, PHP
- Familiar with: Python, C#, Microsoft Visual Basic

##### **Technologies**

- Proficient in: OpenGL, J2EE, Hibernate
- Familiar with: Spring, Open Laszlo

##### **Databases**

- Proficient in: MySQL
  - Familiar with: Oracle, Microsoft Access
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#### EXTRACURRICULAR ACTIVITIES

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Member of the Society of Iranian Graduate Students at UCI  
Former member of SSC (Student Scientific Chapter) at Sharif University of Technology.  
Amateur game development

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