



DEPARTMENT OF COMPUTER  
SCIENCE AND TECHNOLOGY  
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# JUNHAO ZHOU

## EDUCATION

Sept 2011 – Present	Nanjing University	Nanjing
Department of Computer Science and Technology		
Master's Degree Candidate in Computer Science		
Sept 2006 – Sept 2010	Soochow University	Suzhou
School of Computer Science and Technology		
Bachelor's Degree in Computer Science		

## PROJECT EXPERIENCE

2012.02 - 2013.07	Smart Authoring System for Irregular Needling Embroidery	Nanjing
To provide automatic and interactive method to simulate the Irregular Needling Embroidery based on image feature and properties. Being intangible cultural heritage, Irregular Needling Embroidery has a very high artistic value as a Changzhou craftwork. The system is the major part of a Key Technology R&D Program of Jiangsu Province.		
System Designer and Scrum Master		
<ul style="list-style-type: none"><li>Accomplished logical design and physical design including system flow and data flow</li><li>Conducted the team as Scrum Master</li><li>Designed and accomplished the module of extracting image feature and properties</li><li>Designed and accomplished the user interface and interactive module</li></ul>		
2011.09 - 2012.02	System for 3D Human Pose Analysis from Monocular Video	Nanjing
To estimate human pose from monocular video using a Simulated Annealing Particle Swarm Optimism (SAPSO) based method.		
Software Engineer		
<ul style="list-style-type: none"><li>Designed and accomplished deformation module using Moving Least Squares</li></ul>		

## TECHNICAL SKILLS

- Experience in computer graphic and image processing
- Experience in algorithm, as a member of TopCoder with highest rating 1080
- Experience in agile software development of scrum
- Advanced skills in C&C++ and knowledge of Java and Python

## AWARDS RECEIVED

2006-2007 People's Scholarship of Soochow University (the first prize)  
2007-2008 People's Scholarship of Soochow University (the third prize)  
2008-2009 People's Scholarship of Soochow University (the third prize)  
2008-2009 First prize of the first Collegiate Programming Contest, Jiangsu Province  
2008-2009 Honorable Mention of the ACM/ICPC Asia Regional, Beijing Site & Hefei Site  
2009-2010 Honorable Mention of the ACM/ICPC Asia Regional, Wuhan Site & Shanghai Site  
2009-2010 Outstanding Graduate of Soochow University

## LANGUAGES

English CET-4,504; CET-6,496;  
familiar with reading and writing in English;