

Hadi Kiapour

CONTACT INFORMATION

Ph.D. Student
Department of Computer Science
University of North Carolina
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EDUCATION

University of North Carolina at Chapel Hill
Ph.D. in Computer Science, Aug. 13 to Dec. 15 (Expected)
Advisor: Tamara Berg

Stony Brook University
Ph.D. in Computer Science, Aug. 11 to Aug. 13
Advisor: Tamara Berg

Sharif University of Technology
B.Sc. in Electrical Engineering, Control Systems, Sep. 06 to June 11

PUBLICATIONS

- [1] Where to Buy It: Matching Street Clothing Photos to Online Shops. M. Hadi Kiapour, Xufeng Han, Svetlana Lazebnik, Alexander C. Berg, Tamara L. Berg
International Conference on Computer Vision (ICCV), 2015 (~Oral)
- [2] Mine the Fine: Fine-Grained Fragment Discovery. M. Hadi Kiapour, Wei Di, Vignesh Jagadeesh, Robinson Piramuthu
International Conference on Image Processing (ICIP), 2015
- [3] Hipster Wars: Discovering Elements of Fashion Styles. M. Hadi Kiapour, Kota Yamaguchi, Alexander C. Berg, Tamara L. Berg
European Conference on Computer Vision (ECCV), 2014
- [4] Materials Discovery: Fine-Grained Classification. M. Hadi Kiapour, Kevin Yager, Alexander C. Berg, Tamara L. Berg
IEEE Winter Conference on Applications of Computer Vision (WACV), 2014
- [5] Retrieving Similar Styles to Parse Clothing. Kota Yamaguchi, M. Hadi Kiapour, Luis E. Ortiz, Tamara L. Berg
IEEE Trans. on Pattern Analysis and Machine Intelligence (TPAMI), 2014
- [6] Paper Doll Parsing: Retrieving Similar Styles to Parse Clothing Items. Kota Yamaguchi, M. Hadi Kiapour, Tamara L. Berg
International Conference on Computer Vision (ICCV), 2013
- [7] Parsing Clothing in Fashion Photographs. Kota Yamaguchi, M. Hadi Kiapour, Luis E. Ortiz, Tamara L. Berg.
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2012
- [8] Analysis, Interpretation, and Recognition of Facial Action Units and Expressions Using Neuro-Fuzzy Modeling. M. Khademi, M. Hadi Kiapour, M. Manzuri, A. Kiaei
Artificial Neural Networks in Pattern Recognition (ANNPR), 2010
- [9] Recognizing Combinations of Facial Action Units with Different Intensity Using a Mixture of Hidden Markov Models and Neural Networks. M. Khademi, M. Manzuri, M. Hadi Kiapour, A. Kiaei
Multiple Classifier Systems (MCS), 2010

RESEARCH
EXPERIENCE

Research Intern (Summer 2015)

eBay, San Jose, CA, USA

Project: Semantic Mapping of Visual and Textual Data Using Deep Learning

Mentor: **Robinson Piramuthu**

Research Intern (Summer 2014)

eBay Research Labs, San Jose, CA, USA

Project: Fine-Grained Object Classification

Mentor: **Robinson Piramuthu**

Research Assistant (2013 to 2015)

Department of Computer Science

University of North Carolina at Chapel Hill, NC, USA

Dissertation: Large-scale Visual Recognition of Clothing, People and Styles

Advisor: **Tamara Berg**

Research Assistant (2011 to 2013)

Department of Computer Science

Stony brook University, NY, USA

Advisor: **Tamara Berg**

Research Assistant (Spring and Summer 2010)

Computer Vision and Active Perception Lab (CVAP)

Royal Institute of Technology (KTH), Stockholm, Sweden

Project: Spatial Understanding from Indoor Scene Images

Advisor: **Stefan Carlsson**

Research Assistant (2008 to 2011)

Computer Vision Group (IPM Vision)

Institute for Research in Fundamental Sciences, Tehran, Iran

Advisor: **Mehrdad Shahshahani**

Research Assistant (2008 to 2011)

Digital Signal Processing Laboratory

Sharif University of Technology, Tehran, Iran

Project: Facial Expression Recognition

Advisor: **M.T. Manzuri-Shalmani**

PATENTS

Fine-Grained Categorization, eBay Inc., filed on May 15, 2015, pending.

TEACHING
EXPERIENCE

Teaching Assistant (Stony Brook University)

CSE 373: Analysis of Algorithms

Spring 2013

CSE 214: Computer Science II, Data Structures Using Java

Spring 2012

CSE 102: Introduction to Web Design and Programming

Spring 2012

CSE 220: Systems-Level Programming

Fall 2011

CSE 308: Software Engineering

Fall 2011

Teaching Assistant (Sharif University of Technology)

Principles of Electrical Engineering

Fall 2008

EXTRA ACADEMIC
ACTIVITIES

Director of Resana Science

2009-2010

Resana Science is the name collectively given to collaborative research by the student community of the Department of Electrical Engineering, Sharif University of Technology.

AWARDS AND HONORS	Computer science fellowship , Stony Brook University, NY, USA	2011-2012
	Best poster award , Graduate Research Conference, Stony Brook University	2012
	Full research scholarship , KTH, Stockholm, Sweden	2010
	Ranked 74th out of over 400,000 participants in Iran's university entrance exam	2006
	Qualified for the 2 nd round of national olympiad of mathematics	2004
	Qualified for the 2 nd round of national olympiad of informatics	2004
	Ranked in the top 5% of national exceptional talents (NODET) , Iran	2003

PROFESSIONAL ACTIVITIES	Reviewer	
	IEEE Transactions on Multimedia	2014
	IEEE Transactions on Multimedia	2015
	IEEE Conference on Computer Vision and Pattern Recognition (CVPR)	2016
	IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)	2016

Membership

IEEE (2011 to present)

Mentorship

Sebo Kim (Spring 2013)

Now Ph.D student at University of Florida, USA

Kimia Tajik (2011-2012)

Now Ph.D student at Oregon State University, USA

Neda Sabbaghpour (2010-2011)

Now research assistant at University of Alberta, Canada