Arash Vahdat

Computing Science Department,
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EDUCATION	• **Simon Fraser University,** Burnaby, BC Canada. [Sept 2011- Present] Ph.D. in Computing Science. Advisor: Dr. Greg Mori.
	• **Simon Fraser University,** Burnaby, BC Canada. [Sept 2009-April 2011] M.Sc. in Computing Science. Advisors: Dr. Greg Mori and Prof. Mark Drew. GPA: 4.07/4.33. **Thesis Title**: "A Key Pose Model For Human Interaction Recognition And Color From Gray By Optimized Color Ordering"
	• **Sharif University of Technology,** Tehran, Iran. [Sept 2005- July 2009] B.Sc. in Computer Engineering, Major: Information Technology Engineering. GPA: 17.73/20 **Project Title:** "A Survey on Texture Features", Advisor: Dr. Hamidreza Rabiee.
RESEARCH INTRESTS	Computer Vision, Machine Learning, and Medical Image Processing.
HONORS AND AWARDS	• SFU Graduate Fellowship, 2010.
	• **1st Rank** in Cumulative GPA among class 2009 students of Information Technology, Sharif University of Technology.
	• Offer of Admission for Graduate studies in Computer Engineering from Sharif Brilliant Students Office, 2008.
	• **1st Rank** in Chess Programming Contest among Sharif University of Technology and University of Tehran under supervision of Dr. Ramin Halavati, 2008.
PUBLICATIONS	• **A. Vahdat,** B. Gao, M. Ranjbar, G. Mori, "A Discriminative Key Pose Sequence Model for Recognizing Human Interaction", Eleventh IEEE International Workshop on Visual Surveillance, 2011..
	• **A. Vahdat,** M. Drew, "Colour From Grey by Optimized Colour Ordering", Color Image Conference (CIC), San Antonio, Nov. 2010.
	• B. Ng, **A. Vahdat,** R. Abugharbieh, G. Hamarneh, "Generalized Sparse Classifiers for Decoding Cognitive States in fMRI". In Medical Image Computing and Computer-Assisted Intervention Workshop on Machine Learning in Medical Imaging (MICCAI MLMI), 2010.
	• M. H. Rohban, H. R. Rabiee, **A. Vahdat,** "Face Virtual Pose Generation using Aligned Locally Linear Regression for Face Recognition", IEEE International Conference on Image Processing(ICIP), Dec. 2009.

EXPERIENCES	**BroadbandTV corp., Vancouver, Canada** [Summer 2011]

BroadbandTV corp., Vancouver, Canada [Summer 2011]
- Research Intern, Dr. Mehrdad Fatourechi.
  - Developed a channel logo detector in video for copy detection purpose on YouTube.

Simon Fraser University, Computing Science Department.
- Research Assistant, Prof. Greg Mori [Spring 2010-Present]
- Research Assistant, Prof. Mark Drew. [Spring 2010-Summer 2010]
- Teaching Assistant, Bradley Bart. [Fall 2009]

Sharif University of Technology, Computer Engineering Department.
- Research Assistant, Dr. Hamidreza Rabiee [Summer 2008- Summer 2009]
  - Research on Face Recognition and Image Texture Classification
- Teaching Assistant, Signals & Systems Dr. Shohreh Kasaie [Fall 2008]
- Teaching Assistant, Computer Structure & Language Prof. Miremdadi [Fall 2008]

PROFESSIONAL SKILLS

Programming Languages:
- Proficient in MATLAB, Java , and C/C++, Python.
- Familiar with HTML, Verilog, PHP, SQL, C#.

Operating Systems:
- Linux, MS Windows.

HOBBIES

Biking, Hiking, and Swimming.

REFERENCES

On request.