

Soonmin Bae

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INFORMATION	http://people.csail.mit.edu/soonmin/	soonminb@gmail.com
EDUCATION	Massachusetts Institute of Technology , Cambridge, MA	2003 – 2009
	Ph.D., Electrical Engineering and Computer Science, September 2009	Advisor: Frédo Durand
	Thesis: <i>Analysis and Transfer of Photographic Viewpoint and Appearance</i> .	
	M.S., Electrical Engineering and Computer Science, June 2005	Advisor: Frédo Durand
	Thesis: <i>Statistical Analysis and Transfer of Coarse-Grain Pictorial Style</i> .	
	Korea Advanced Institute of Science and Technology , Daejeon, South Korea	1998 – 2003
	B.S., major: Computer Science / minors: Applied Math. and Business, Feb. 2003	
PROFESSIONAL EXPERIENCE	Samsung Techwin , Kyunggi, South Korea	Aug. 2010 - present
	Senior Research Engineer in the Robot Business Group. Developing computer vision algorithms.	
	Boston College , Boston, MA	Aug. 2009 – May 2010
	Postdoctoral researcher in the Computer Science Department. Developing video enhancement methods.	
	Massachusetts Institute of Technology , Cambridge, MA	June 2003 – Aug. 2009
	Graduate student researcher in the Computer Graphics Group, advised by Prof. Frédo Durand of the Computer Science and Artificial Intelligence Laboratory. Developing a new approach to photo editing.	
	Adobe Systems , Fremont, WA	June – Aug. 2007
	Research intern in the Graphics Research Group led by David Salesin.	
	INRIA Rhône-Alpes , Grenoble, France	June – July 2006
	Visiting graduate student researcher in the ARTIS led by François Sillion.	
	Korea Advanced Institute of Science and Technology , Daejeon, South Korea	Sep. – Dec. 2002
	Undergraduate student researcher in the artificial intelligence lab led by Professor Hyun Seung Yang. Developing a robot with human-like communication and visual expression of emotion.	
	Korea Advanced Institute of Science and Technology , Daejeon, South Korea	June – Aug. 1999
	Undergraduate student researcher in a micro-robot design project.	
SELECTED PUBLICATION	Soonmin Bae , Aseem Agarwala, and Frédo Durand. Computational Rephotography. ACM Transactions on Graphics, Vol. 29, No. 3, Article 24, June 2010	
	Soonmin Bae and Frédo Durand. Defocus Magnification. Computer Graphics Forum (Proceedings of Eurographics 2007)	
	Soonmin Bae , Sylvain Paris, and Frédo Durand. Two-scale Tone Management for Photographic Look. ACM Transactions on Graphics (Proceedings of the ACM SIGGRAPH'06 conference)	
HONORS	The Samsung Lee Kun Hee Scholarship Foundation, 2003-2007	
	Full National Grantee, 1998-2003	