

SAPNA SHROFF

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PERSONAL DETAILS	
	<p>Date of Birth: October 21, 1981 Citizenship: Republic of India Visa Status: Student Visa (F-1) Marital status: Married</p>
EDUCATION	
	<p>September 2003 onwards Institute of Optics, University of Rochester, Rochester, NY PhD in Optics (expected in 2008) Master of Science in Electrical and Computer Engineering (expected in May 2005)</p>
	<p>August 1999- June 2003 Dwarkadas J. Sanghvi College of Engineering, Mumbai University, Mumbai, India Bachelor of Engineering in Electronics And Telecommunications Engineering (Awarded in June 2003)</p>
EXPERIENCE AND SKILL SET	
	<p>Graduate Research Assistant in Professor James Fienup and Professor David Williams' groups since April 2004 working on reconstruction and deconvolution for retinal images.</p> <p>Graduate Teaching Assistant for ECE 446/246 Digital Signal Processing in Fall 2003 and ECE 437/237 Wireless Communication in Spring 2004.</p> <p>Graduate Courses: Fall 2003: Introduction to Random Processes, Digital Communications, Digital Integrated Circuits. Spring 2004: Information Theory, Detection and Estimation Theory, Medical Imaging Credit hours through Spring 2004 : Course credits 24 (Average Grade A-) and 8 Research Credits</p> <p>Chairperson of the IEEE Communication Society in the Student Branch of Dwarkadas J. Sanghvi College of Engineering for the year 2001-2002.</p> <p>Editor of TRANSMEET – a weekly online newsletter by IEEE Communication Society at D. J. Sanghvi, Mumbai for 2001-2002.</p> <p>Member of Student's Council D. J. Sanghvi College of Engineering, Mumbai for the year 2000-2001.</p> <p>Software Skills: MATLAB, C, Pascal, Cadence, Visual Basic Windows, DOS.</p> <p>Excellent written, reading and spoken skills in English.</p>
PROJECTS	
	<p>'Deconvolution of Retinal Images using a Wiener-Helstrom Reconstruction Algorithm' – ongoing project with Professor Fienup and Professor Williams – Summer 2004</p> <p>'Channel Coding Techniques' – development of software for channel coding, B.E. final year project at Dwarkadas J. Sanghvi College of Engineering, Mumbai University – 2003</p>