

# Samraat Pawar

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RESEARCH INTERESTS	Speech processing, speech enhancement, speech and speaker recognition, speech perception, machine learning and pattern recognition.	
EDUCATION	<b>Griffith University</b> , Nathan, Queensland, Australia <i>Doctor of Philosophy</i> <ul style="list-style-type: none"><li>Expected graduation date: February 2010</li><li>Advisors: Professor Kuldeep Paliwal and Dr Stephen So</li></ul> <i>BInfTech, BEng (Hons)</i>	<b>February 2005 – present</b>  <b>February 2000 – April 2005</b>
HONOURS AND AWARDS	Best Paper Award, Griffith School of Engineering Research Conference, Nathan, 2007 Australian Research Council (ARC) Postgraduate Research Scholarship, Nathan, 2005-2010 Scholarship for Outstanding Academic Achievement, Griffith University, Nathan, 2000 National Mathematics Summer School, The Australian National University, Canberra, 2000, 1999 Certificate of Excellence for Outstanding Academic Achievement, University of Tasmania, 1999 Award for Best Design, Electronics Competition, The Electronics Educators Association, 1998	
SELECTED PUBLICATIONS	Paliwal, K.K., Shannon, B.J., Lyons, J.G. and K.K. Wójcicki, “Speech-signal-based frequency warping”, <i>IEEE Signal Process. Lett.</i> , Vol. 16, No. 4, pp. 319-322, 2009.  Paliwal, K.K. and K.K. Wójcicki, “Effect of analysis window duration on speech intelligibility”, <i>IEEE Signal Process. Lett.</i> , Vol. 15, pp. 785-788, 2008.  Stark, A.P., Wójcicki, K.K., Lyons, J.G. and K.K. Paliwal, “Noise driven short time phase spectrum compensation procedure for speech enhancement”, In <i>Proc. INTERSPEECH</i> , pp. 549-552, 2008.  Wójcicki, K.K., Milacic, M., Stark, A.P., Lyons, J.G. and K.K. Paliwal, “Exploiting conjugate symmetry of the short-time Fourier spectrum for speech enhancement”, <i>IEEE Signal Process. Lett.</i> , Vol. 15, pp. 461-464, 2008.  Wójcicki, K.K. and K.K. Paliwal, “Importance of the dynamic range of an analysis window function for phase-only and magnitude-only reconstruction of speech”, In <i>Proc. ICASSP</i> , pp. 729-733, 2007.	
PROFESSIONAL EXPERIENCE	<b>Griffith University</b> , Nathan, Queensland, Australia <i>Teaching Assistant</i>  Teaching assistant for undergraduate courses in electrical engineering, including signals and systems, digital signal processing, statistical signal processing and Unix systems. Examination invigilator for undergraduate as well as graduate courses.  <b>Hewlett Packard</b> , Milton, Queensland, Australia <i>Server Specialist</i>  Enterprise data center deployments, relocation and servicing for clients such as Cement Australia, Gold Coast City Council, Queensland Health, Queensland Investment Corporation (QIC), Queensland Ombudsman’s Office and Bain Gasteen Lawyers.  <i>Field Services Engineer</i>  Workstation deployments for clients such as AMCOR, Blake Dawson Waldron, Bank of Queensland, Pindara Private Hospital and others.  <b>Fujitsu Australia</b> , Newstead, Queensland, Australia <i>Field Services Engineer</i>	<b>February 2005 – present</b>       <b>March 2008 – present</b>       <b>June 2004 – present</b>       <b>April 2002 – December 2003</b>

REFEREES

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