Irfan Essa

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■ *Most entries in this CV are in listed in a Reverse Chronological order, with most recent items at the bottom. Additional details and papers available from the website http://prof.irfanessa.com.* ■

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Irfan Essa, Short BIO

Irfan Essa is a Professor in the School of Interactive Computing (iC) and Associate Dean in the College of Computing (CoC), at the Georgia Institute of Technology (GA Tech), in Atlanta, Georgia, USA. He is also serving as the Director of an Interdisciplinary Research Center on Machine Learning at GA Tech (ML@GT), which he founded in 2016 to develop a research and educational effort on Machine Learning at the Institute level.

Professor Essa works in the areas of Computer Vision, Machine Learning, Computer Graphics, Computational Perception, Robotics and Computer Animation, Machine Learning, and Social Computing, with potential impact on Artificial Intelligence, Video Analysis and Production (*e.g.*, Computational Photography & Video, Image-based Modeling and Rendering, *etc.*) Human Computer Interaction, Computational Behavioral/Social Sciences, and Computational Journalism research. He has published over 150 scholarly articles in leading journals and conference venues on these topics and several of his papers have also won best paper awards. He has been awarded the NSF CAREER and was elected to the grade of IEEE Fellow. He has held extended research consulting positions with Disney Research and Google Research and also was an Adjunct Faculty Member at Carnegie Mellon's Robotics Institute. He joined GA Tech Faculty in 1996 after his earning his MS (1990), Ph.D. (1994), and holding research faculty position at the Massachusetts Institute of Technology (Media Lab) [1988-1996].

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I. EARNED DEGREES

Degree	Year	University	Field
Ph.D.	1995	Massachusetts Institute of Technology, Cambridge, MA., USA.	*Media Arts & Sciences* (from the MIT Media Labs)
S.M.	1990	Massachusetts Institute of Technology, Cambridge, MA., USA.	*Engineering*
B.S.	1988	Illinois Institute of Technology, Chicago, IL., USA.	*Engineering*

II. EMPLOYMENT HISTORY

Title	Organization	Years
Distinguished Professor	School of Interactive Computing / College of Computing Georgia Institute of Technology, Atlanta, GA., USA	*2018-Present*
Director	Machine Learning Center @ Georgia Tech (ML@GT)	*2016-Present*
Associate Dean	College of Computing (CoC)	*2014-Present*
Professor	School of Interactive Computing / College of Computing Georgia Institute of Technology, Atlanta, GA., USA	*2008-Present*
Adjunct Professor	School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, GA., USA	*1998-Present*
Researcher/ Consultant	Google Research Mountain View, CA, USA & Atlanta, GA, USA	*2011-Present*
Adjunct Professor	Robotics Institute Carnegie Mellon University, Pittsburgh, PA., USA	*2008-2009*
Visiting Scientist	Disney Research Pittsburgh, PA., USA	*2008-2009*
Associate Professor	School of Interactive Computing / College of Computing Georgia Institute of Technology, Atlanta, GA., USA	*2002-2008*
Assistant Professor	College of Computing Georgia Institute of Technology, Atlanta, GA., USA	*1996-2002*
Research Scholar/Scientist	Media Laboratory, Perceptual Computing Section, Massachusetts Institute of Technology, Cambridge, MA., USA	*1994-1996*
Research Assistant	Media Laboratory, Perceptual Computing Section, Massachusetts Institute of Technology, Cambridge, MA., USA.	*1988-1994*
Researcher	Vision, Graphics and Visualization Group, Thinking Machines Corporation, Cambridge, MA., USA	*1990*

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ADMINISTRATIVE POSITIONS

Title	Organization	Years
Associate Dean Research and Space Planning	Georgia Tech College of Computing Represent the College's Research Portfolio at the Institute and Externally. Responsible for Space Planning. On Leadership Team and Dean's Cabinet.	*2014-Present*
Director (Founding)	Machine Learning Center @ Georgia Tech (ML@GT) Directing a new Center for Machine Learning. Helped establish this new center 2014-2016. Now the Center serves as an Interdisciplinary Research Center (IRC) for all of Georgia Tech.	*2016-Present*
Associate Dean Off-Campus and Special Initiatives	Georgia Tech College of Computing Directing International, Distance Learning and Online Programs and other Special Initiatives for the College. On Leadership Team and Dean's Cabinet.	*2014-Present*
Director Off-Campus Initiatives	Georgia Tech College of Computing Directing all International, Distance Learning and Online Initiatives.	*2012-2014*
Associate Director Research	GVU Center at Georgia Tech Managed external and internal research initiatives.	*2004-2005*
Director	Georgia Tech, College of Computing's Summer Internship Program for Underrepresented Minorities	*1998-2000*

OTHER POSITIONS

Title	Organization	Years
Founding Director	Computational Perception Laboratory at Georgia Tech Currently, Co-Directing this Research Lab with 5 other faculty	*1996-Present*
Founding Director	Computational Journalism Initiative at Georgia Tech Founded in 2008 to study Journalism in context of technology.	*2008-Present*
Founding Member	Aware Home Research Initiative at Georgia Tech	*1999-Present*

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