## 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 <a href="http://prof.irfanessa.com">http://prof.irfanessa.com</a>. ■



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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].

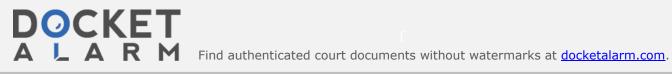


# I. EARNED DEGREES

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	School of Interactive Computing / College of Computing	2018-Present
Professor	Georgia Institute of Technology, Atlanta, GA., USA	
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/	Google Research	2011-Present
Consultant	Mountain View, CA, USA & Atlanta, GA, USA	
Adjunct	Robotics Institute	2008-2009
Professor	Carnegie Mellon University, Pittsburgh, PA., USA	
Visiting	Disney Research	2008-2009
Scientist	Pittsburgh, PA., USA	
Associate	School of Interactive Computing / College of Computing	2002-2008
Professor	Georgia Institute of Technology, Atlanta, GA., USA	
Assistant	College of Computing	1996-2002
Professor	Georgia Institute of Technology, Atlanta, GA., USA	
Research	Media Laboratory, Perceptual Computing Section,	1994-1996
Scholar/Scientist	Massachusetts Institute of Technology, Cambridge, MA., USA	
Research	Media Laboratory, Perceptual Computing Section,	1988-1994
Assistant	Massachusetts Institute of Technology, Cambridge, MA., USA.	
Researcher	Vision, Graphics and Visualization Group, Thinking Machines Corporation, Cambridge, MA., USA	1990



# **ADMINISTRATIVE POSITIONS**

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

# **OTHER POSITIONS**

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



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