

Charith Lasantha FERNANDO



Personal Information

4th March 1983
Driving License C/C1
Sri Lankan Passport

Contact

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Meguro-ku, Tokyo,
Japan, 152-0001

Languages

Sinhalese (Native)
English (Advanced)
Japanese (Advanced)

Programming Languages

♥ C, C++, .NET, Basic, Bash Scripting, MATLAB, SCILAB
♦ ANSI C (Microcontroller), Embedded C, Verilog, VHDL
♦ Inventor Professional, Solidworks, Altium Designer, Adobe Creative Suite

Web Development

Wordpress, Joomla, Bootstrap, HTML5, CSS3, JavaScript/PHP/jQuery, Apache WEB Servers

Other Skills

♥ Ubuntu/Debian Linux, MySQL, Latex

Resume

I am currently (2016) a Project Senior Assistant Professor at **Keio University**, Tokyo, Japan and conducts research with the **Embodied Media** research group. Received the Ph.D. (2013) and Masters (2010) from Keio University Graduate School of Media Design Tokyo, Japan and earned the bachelor's degree from the University of Moratuwa, Faculty of Engineering, Sri Lanka. My areas of expertise includes Robotics, Virtual Reality, Embedded Systems, Control Systems and Human Robot Interaction with a focus on how latest robotic technologies can be used to benefit the society in near future. Current research focuses on complex manipulations in teleoperations while feeling the robot body as an extension of your own body through visual, auditory and haptic sensations.

Experience

2013–Present	Keio University, Graduate School of Media Design <i>Project Senior Assistant Professor</i>	Tokyo, Japan
	Currently involves in JST-ACCEL: Embodied Media Project and NEDO-Obayashi Project. In Charge of Embodied Media Telexistence Research Group.	
2010–Present	InMojo Inc. <i>Co-Founder & CEO</i>	Delware, USA
2011–2013	JST-CREST, Haptic Media Project <i>Research Assistant</i>	Tokyo, Japan
2008–2012	JST-ERATO, Igarashi Design Interface Project <i>Research Assistant</i>	Tokyo, Japan
2008–2008	National University of Singapore, Interactive and Digital Media Institute <i>Research Engineer</i>	Singapore

Education

2010–2013	Ph.D. in Media Design	Graduate School of Media Design, Keio University, Tokyo, Japan
	GPA: x.x	
2008–2010	Masters Degree in Electronic and Telecommunication Engineering	Graduate School of Media Design, Keio University, Tokyo, Japan
	GPA: x.x	
2003–2007	B.Sc(Hons) in Media Design	University of Moratuwa, Sri Lanka
	GPA: 3.6	

Awards and Prizes

2008	Silver Medallist & Distinguished Genius Medal of Hungarian Republic	at the 36th International Exhibition of Inventions 2008 in Geneva for the Undergraduate final year project "Sensor-Based Motion Tracking System for Human-Computer Interaction"
2012	IROS2012 Best Student Paper & IROS2012-ICROS Best Application Paper Award finalist	IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2012, Vilamoura, Portugal for the paper C. L. Fernando et al., "Design of TELESAR V for transferring bodily consciousness in telexistence"
2013	Honorable Mention Award	International Conference on Artificial Reality and Telexistence Conference, Tokyo, Japan for the paper C. L. Fernando, M. Furukawa, K. Minamizawa and S. Tachi, "Experiencing ones own hand in telexistence manipulation with a 15 DOF anthropomorphic robot hand and a flexible master glove"

Interests

recent Advanced Robotics, Virtual Reality, Telepresence & Telexistence, Embedded Systems, Control Systems, Human Robot Interaction.

My works mostly related to the areas of Robotics, Virtual Reality, Embedded Systems & Human Robot Interaction. Out of the research work, i try to apply the research results in to real world problems and provide services that can be used to benefit the society in near future.

Publications

Patents

Book Chapters

Journals

Conference Proceedings