Nimesha Ranasinghe (Ph. D.)

http://www.nimesha.info • nimesha82@gmail.com • +971 56 379 4054

New York University AD, Saadiyat island, PO Box: 129188, Abu Dhabi, UAE

Objective

Interested in a Research position or Faculty Position on Ubiquitous Computing, Wearable Computing, Human-computer interaction, or Augmented Reality

Research

http://research.nimesha.info/

Digital Taste, Digital Lollipop   **Dec 2010-present**

Digitally simulating the sensation of taste through electrical and thermal stimulation on the human tongue

Petimo   **2008-2010**

A social-networking soft robotic companion for children to enhance physical social interactions

Poetry Mix-up   **2008-2011**

Electronic poetry generation through SMS and Natural Language Processing

Witz Alive AR   **2010**

Interactive Augmented reality application for children based on a preschool show, WITZ

Education

http://myself.nimesha.info/

Doctor of Philosophy (Ph.D.)   **2008 – 2013**

Ph.D. in Electrical and Computer Engineering (Signal processing and new media), Faculty of Engineering, National University of Singapore.

B. Sc. (Honors)   **2003-2007**

B. Sc. (Hons) in Information Technology, Faculty of Information Technology, University of Moratuwa, Sri Lanka.

Skills

Hardware – PIC, Atmel, Arduino, digital circuit design, PCB design, firmware development, 3D printing
Software – C/C++, Java, Python, .NET framework (C#, C++), XML, Android development, MySQL, MsSQL

Achievements

http://publications.nimesha.info/

Featured in NewScientist, Discovery news, New York Times, Times magazine, Gizmodo, Daily Telegraph, etc.

Digital Lollipop selected as one of the **10 best Innovations in 2014 by netexplo forum at UNESCO**

Honorable mention at Nokia Ubimedia MindTrek Awards 2012 Competition for Digital Taste Synthesizer, Tampere, Finland, Oct 2012 (**Invited Talk**)

YoungCT award 2009 at the Young Investigators' Forum in Korea, Jan 2010 (**Invited Talk**)

First prize for Petimo at InventiON, International Innovation Competition in Milan, Italy (Apr 2010)