

## UTTAM GRANDHI

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### EDUCATION

Master of Professional Studies, <b>Interactive Telecommunications Program</b> Tisch School of Arts, New York University	2015
Diploma, <b>Digital Character Animation</b> Vancouver Film School	2010
Master of Science <b>Physics</b> and Bachelor of Engineering <b>Mechanical</b> ( dual degree ) Birla Institute of Technology & Science (B.I.T.S) - Pilani	2010

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### ACHIEVEMENTS

<i>WALL-E</i> , Cardboard Puppet, featured on Scoutmob <a href="#">[URL]</a> and Bedford+Bowery <a href="#">[URL]</a> <b>Fabricated</b> the puppet in cardboard and packing tape in 5 hours w/o a reference ( <i>Inspired from Pixar</i> )	2014
<i>Pungi Time</i> , Tangible Interfaces for a snake game, ITP Winter Show <a href="#">[URL]</a> <b>Invented</b> a flute and a sphere controller for games which are operated by blowing and rolling respectively	2013
<i>4ft Dinosaur Head Puppet</i> , ITP Winter Show, covered by Forbes <a href="#">[URL]</a> <b>Designed</b> the puppet in Rhino, <b>Fabricated</b> in blue foam and plaster, <b>Painted</b> in acrylic colors	2013
<i>Top 20/350+ entries from India &amp; Africa</i> , Indiafrica annual poster design competition <a href="#">[URL]</a> <b>Illustrated</b> my feelings on the meaning of Freedom in Inkscape software.	2013
<i>Michelangelo</i> , 3-DOF sketching robot won a <i>silver</i> for India, ROBOGAMES <a href="#">[URL]</a> <a href="#">[PDF]</a> <b>Designed</b> the robot in Pro.E and <b>Fabricated</b> in ABS on a Stratasys 3D printer	2009
<i>Cyborg</i> , sculpture won a <i>bronze</i> for India, ROBOGAMES <a href="#">[URL]</a> <b>Fabricated</b> in Styrofoam and aluminum sheet metal ( <i>Inspired from Auguste Rodin's The Thinker</i> )	2009
<i>WALL-E</i> , dancing robot, secured 1st position, TECHFEST, IIT-Bombay <a href="#">[URL]</a> <b>Fabricated</b> the robot in paper and aluminum sheet metal ( <i>Inspired from Pixar</i> )	2009
<i>8-DOF Biped</i> , won <i>accolades</i> for unique fall-get up algorithm, TECHFEST, IIT-Bombay <b>Designed</b> the biped in Pro.E and <b>Fabricated</b> the brackets in ABS on a Stratasys 3D printer	2009
<i>Chi-Robot</i> , 6 DOF Manipulator, <i>top 10/80+ teams</i> , SHAASTRA, IIT-Madras <b>Designed</b> the robot in PTC Pro.E and <b>Fabricated</b> in Methyl Methacrylate ( <i>Acrylic Glass</i> )	2008

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### EXPERIENCE

Graphic/Web Designer, Airpush Inc., Bengaluru (6 months) <b>Created</b> MRAID compliant mobile ads using Adobe Photoshop, HTML5, CSS3 and Javascript	2013
Artist, Artoo, Bengaluru (18 months) <b>Illustrated</b> graphic elements for Web, Mobile and Print media	2013

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### CONFERENCES

<i>Design of a Robotic Accessory for Abdominal Surgery</i> , Dr. Bhavani Rao and Uttam Grandhi Hamlyn Symposium on Medical Robotics, London, UK	2010
<i>Michelangelo: A 3-DOF Sketching Robot</i> , Ravi Shankar Ippili and Uttam Grandhi et al. International Conference on Robotics and Intelligent Sensors, Nagoya, Japan	2010

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### SKILLS

**Fabrication:** Sculpting (10/10), Paper Craft (9/10), Machine Tools (9/10), 3D Printing (8/10)  
**Multimedia:** Adobe Photoshop (9/10), Adobe Premiere (9/10), Inkscape (8/10), Rhino (7/10)  
**Programming & Web:** HTML5 (9/10), CSS3 (8/10), Javascript (7/10), Processing (7/10), Arduino (7/10)