

SIRISH SATYAVOLU

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PROFFESIONAL EXPERIENCE

Post-Production Engineer and Assistant Project Manager – Indian Raga Inc. December 2016 - April 2017
Managing over 30 projects, 180 participants, from US, India, Europe, and Dubai. Teaching basics of video production and audio production to maintain the strict quality guidelines of the company. On-call management and troubleshooting for all the intercity labs projects. Video editing for more than 60 world-class music video projects.

Operations and Social Media Assistant - Georgia Tech Cable Network January 2016 - March 2016
Scheduling the daily, weekly and monthly on-screen operations for 2 channels in Georgia Tech Cable Network. Working closely with Gracenote in the implementation of the schedules. Quality control of new media before uploading them to the main server. Photography and videography coverage of various happenings around the campus. Social media marketing for upcoming events and television programs. Music production for various student-made shows and other GTCN programming.

GRA, Graduate Fellowship Program – Welspun Corp. June 2013 - March 2014
Optimization of production parameters in steel melt shop. Bottlenecking and troubleshooting the existing plant workflow to improve work philosophies and ergonomic developments in the production line.

Summer RA – Hindustan Shipyard Limited Summer 2010
Studying the existing workflow and optimizing the communication methodologies of work orders in Microsoft Excel.

PROJECTS

AlphaBetas - a python based generative algorithm
A text-to-MIDI score generative code using python and MAX MSP

eTarangé - an acoustic-robotic instrument
Developed a working robotic implementation of an old acoustic instrument, inspired from the Chinese bowls and Jal-Tarang. The instrument can play MIDI files, controlled with any MIDI interface and support standalone generative algorithms.

Trebler - a multi-player acoustic stringed instrument
Designed and Constructed an acoustic stringed instrument that can be played y 4 players simultaneously. The instrument has a range of 6 octaves spread over 12 strings. Best Design and Engineering awarded.

CapKeep - a medicine dispensing network
Developed a design and network concept for a drug dispensing system. Designs include 3D sketches, app prototypes, and network concept write-ups. Best design awarded.

EDUCATION

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| Georgia Institute of Technology - MS in Music Technology | May 2017. GPA 3.25 |
| National Institute of Technology - M.Tech in Mech. Engineering | June 2014. GPA 8.28 |
| GITAM University - B.Tech in Mech. Engineering | June 2012. GPA 7.82 |

RELAVENT COURSEWORK

Project Studio – MAX MSP, Logic Pro X, Team Performance, Digital Instrument Building
CAD - 2D and 3D design techniques and projects. AutoCAD, FUSION 360, SolidWorks, Digital Drafting
Engineering Mechanics and Deign – Advanced Design, AutoCAD, FUSION 360, SolidWorks, Digital Drafting, Prototyping
Car Audio Development - FUSION 360, Unreal Engine, Logic Pro X, Pro Tools, C, C++
Interface Prototyping –Adobe Photoshop, InDesign, Sketch, Prototipe, FUSION 360

CAMPUS INVOLVEMENT

GTCMT Production Team - Event Audio and Video Coordinator Fall 2015, 2016
Manage and monitor Camera Operations, Live Video Mixing, Project Management, PA system management, Live Audio Mixing, Inventory management.

GT Music Technology Summer Camp – Teaching Assistant Summer 2017
Teaching assistant for recording principles, music production basics, musical coding and analog synthesis basics. 25 students for 2 weeks.

GUSAC (Student Activity Center) - Co-Founder and Mentor February 2011 - March 2012
Develop projects that emphasize on the implementation of physics and other engineering aspects. Projects include contraptions for cause, robotics, and friendly seminars.

Key Note (Music Production workshop) - Founder and Key-Speaker April 2012
A workshop and competition about electronic music production.

SKILLS

Programming: **Max MSP, Python, C, C++, Matlab, Microsoft Excel**
Media Production: **Logic Pro, Final Cut Pro, Premiere Pro, Pro Tools, Fruity Loops, Ableton Live, Photoshop.**
Design: AutoCAD, **Fusion 360**, InDesign, Sketch, XCode, Catia, Ansys.