

Experience

UX Designer AV&C Aug 2016 - Current

Experience design for custom software driven physical installations, that comprise of ecosystems of media canvases, input sensors, external data sources and user interfaces. The real-time installations, mostly large scale and permanent, are for architectural, educational and branding projects worldwide.

Educator LCCS Dec 2016 - May 2017

Co-created and taught the course Immersive Storytelling for Virtual Reality, a collaboration between middle school students from Learning Community Charter School and graduate students from Parsons School of Design.

Educator The New School Sept - Dec 2016

Part-time faculty for the graduate level course Design for this Century, as leader for one of the recitation sections.

UX-UI Designer Extrapolation Factory Mar - Apr 2015

Design and prototyping for an augmented reality app, to digitally create and distribute speculative products in physical spaces.

Creative Technologist Code. Compose. Collaborate. Feb - Apr 2015

Initial design and development of Code. Compose. Collaborate., an onsite/online platform for learning to code by making music.

Teaching Assistant The New School 2015 - 2016

Creative Coding: Large Systems
MFA Design and Technology, Parsons School of Design

Youth Bike Summit Collaboration
Parsons School of Design and Parsons Fashion

Core Lab: Object
BFA Design and Technology, Parsons School of Design

Teacher The New School Aug 2015

3-week course on the coding language Processing for MFA Design and Technology batch of 2017.

Creative Technologist The New School Oct - Dec 2014

Experience design for VirtuaTry; an app prototype envisioning future of retail, a research project by Publicis Groupe, The New School and NYC Media Lab.

Electrical Engineer Bechtel Jul 2012 - Jun 2014

Motor schematics, grounding, lighting, cable terminations, and power audits for select metal & mining, power and telecom projects.

Internships

NTPC Limited Jun - Jul 2011
Vocational training at Badarpur Thermal Power Station, India.

IIT Delhi May - Jul 2010
Application of neural networks to electrical load forecasting at Biometrics Research Lab, IIT-Delhi, India.

Electronics Regional Test Lab May - Jul 2009
Vocational training in the Electromagnetic Interference/Compatibility and Systems Labs, ERTL-North, India.

Researcher Delhi Technological University Jan - Apr 2010

Application of soft-computing techniques to image processing for improving edge detection and impulse noise filtering at Delhi Technological University, India.

*Education***MFA Design and Technology** Parsons School of Design

2014 - 2016

Audio-visual storytelling, creativity and computation, interactive prototyping, networked systems, GLSL shaders, interactive spaces, physical computing, fabrication techniques, new media art history, post-planetary design.

BE Electrical Engineering Delhi Technological University

2008 - 2012

Differential equations, complex numbers, numerical approximations, semiconductor electronics, electromagnetics, applied mechanics, fluid mechanics and hydraulic machines, thermodynamics, power apparatus, electrical measurements, high voltage engineering, switchgear and protection.

*Skills***Concept**

Brainstorming, research, precedents, functionality, sketching, journeys, workflows, proposals

Design

2D/3D renderings, wireframing, information design, content strategy, interface design, prototyping, user testing, presentation design

Software

Adobe Suite, Sketch, InVision, Keynote/Slides, TouchDesigner, Cinema4D, SketchUp, Rhinoceros, Unity3D, Wekinator, Ableton Live/M4L, MaxMSP Jitter, VDMX, CNC

Coding

HTML/CSS/JS, GLSL, Python, Processing, openFrameworks, RhinoScript, Arduino, Raspberry Pi

*Featured Work***UX Storytelling in Multi-functional Spaces**

A talk on the role of UX in multi-functional spaces at AIGA Baltimore's Design Week on Oct 17 2017.

Old New Beginnings

Artist feature in New Thoughts New Work, the August 2017 issue of Interlalia Magazine.

Ad Infinitum

The Void and The Cloud Pop-up Exhibit
The Urban Foundation Gallery, New York
Dec 2 & 3 2017

Interview: The Void and The Cloud
SciArt Magazine
May 26 2017

The Void and The Cloud
SciArt Center Online Exhibition
Mar 17 2017

Day Zero: Voight-Kampff Screening
Vector Festival
Jul 12 2017

Review: The Void and The Cloud
SciArt Magazine
Apr 11 2017

Project Feature
Prosthetic Knowledge
Jan 27 2017

Imaginary Numbers

Abstract Mind: 2nd International Exhibition
CICA Museum, Seoul, South Korea
Mar 31 - Apr 16 2017

Dreaming Specter

Decay Is Beautiful, atleast at One Multisensory Banquet
Creators Project
Dec 23 2016

Dine on Decadent Decay with Guerilla Science
MOLD
Nov 29 2016

Zai 在

Live, improvised visual projection for Zai 在, an improvised performance exploring the seven chakras via music, dance and visuals at University Settlement Society, New York on Oct 22 2016.

=π

6th Annual Jersey City Pi Day
Liberty Science Centre, New Jersey
Mar 13 2016

Playtech
Parsons School of Design, New York
Apr 9 2016

Emanations

World Maker Faire 2016

Viscusi Gallery, New York Hall of Science
Oct 1 & 2 2016

Between Spaces: MFA Thesis Show

Parsons School of Design, New York
May 17 - 21 2016

Parsons Gala

Parsons School of Design, New York
Apr 24 2016

NYC Media Lab Summit 2016

Alfred Lerner Hall, New York
Sept 22 2016

Creative Tech Week 2016

Industry City Factory Floor, New York
Apr 29 2016

6th Annual Jersey City Pi Day

Liberty Science Centre, New Jersey
Mar 13 2016

Destructure

Project Feature

Athamor #5
Feb 1 2016

Reinterpretations

Project Feature

Electronic Beats
Jan 8 2016

Project Feature

VIDVOX Blog
Dec 21 2015

Project Feature

Prosthetic Knowledge
Jan 6 2016

Pieces

NYC Media Lab Summit 2015

Rosenthal Pavilion, NYU Kimmel Center, New York
Sept 25 2015

The Smaller Picture

2015 SXSW Interactive Festival & Trade Show

Austin Convention Center, Austin, Texas
Mar 15 2015

dopple.

A multi-user mobile app prototype for a narrative play in time personalized via face recognition. Runners-up team at A+E Networks History Design Jam at Parsons School of Design, New York on Nov 18 2015.

Bevy

App prototype for a social drinking experience. Runners-up team at Pernod Ricard Hackathon, NY on Feb 13 2015.

Future Cities India 2020

Roadplan for decongestion of traffic during Commonwealth Games India in 2010 initiated by Ministry of Science & Technology and Bentley Systems. Winning team for Future Cities India 2020 competition on Jan 25 2007.

0.1%

Merit award for being in the top 0.1 percentile in Mathematics and Science by Central Board of Secondary Education, India in 2006.
