



Lavannya Suresh

www.lavanyadesigns.com

A multi-disciplinary designer with a strong passion for research and the collaboration between design and technology. I graduated as an electronics engineer and I'm passionate about bringing my technical skills to the design world.

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📍 New York, Metropolitan Area

WORK EXPERIENCE

Parsons School of Design- The New School

Research Assistant | Nov 2021- Present

Machine Unlearning • Studying AI put to play instead of work • Interrogating algorithmic biases • Train CNN based ML algorithms.

Whatfix

Associate Instructional Designer | Nov 2020- July 2020

Developed UX and Content Design Strategies • Ideated Designed and developed Content for Digital Adoption needs.

Tealder

Designer & Co-Founder | Jan 2020- Nov 2020

Team building application for collaborating between peers • User Experience Design • Entrepreneurship • Startups.

Centre for Innovation and Entrepreneurship (CIE), PES University

Design Intern | July 2020- September 2020

Designed interactive course content to improvise learning outcomes for CIE Courses • Design Research • User Interface Design • Design for Education • User Experience Research.

IDEaS Lab (Innovation, Design Study and Sustainability), Centre for Product Design and Manufacturing (CPDM), Indian Institute of Science (IISc)

Research Intern | June 2019- June 2020

Worked on research into design methodologies • Participated in the I4AM industry 4.0 Conference • Mentored and conducted a D-Box workshop to test design thinking methodologies in school children.

DSGMR, The Art and Design Club of PES University

Club Head | August 2018- March 2019

Handled Creative content various college events • Conducted and mentored workshops • Designed stage setups • Theme based space designs.

Aidapp

Graphic Design Intern | May 2018- June 2018

Made In-app Illustrations • Social media posts • Web Graphics.

Freelance art and design, Bangalore —Freelancer

July 2016 - Present

Created logos and album art for a few bands • Designed logos, posters, banners, and designed merchandise for college festivals and events • Designed for branding a few startup companies • Painted wall murals for workspaces • Had charity fundraising art stalls.

EDUCATION

Parsons School of Design- The New School — MFA Design and Technology

August 2021- Present

PES University, Bangalore — B.Tech Electronics and Communication

August 2016- May 2020

PES University, Bangalore — Minor degree in Design

June 2018- June 2019

SKILLS AND ABILITIES

Programming Languages:

Hardware: VHDL, Xilinx FPGAs, Pyxis schematic, Arduino, Raspberry pi.

Software Platform: Xilinx ISE, MATLAB, Multisim, P5.Js, HTML, CSS, Adobe XD, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Figma, Fusion360, Solid works, Autodesk sketchbook.

ACHIEVEMENTS

- Special team mention in IBM's Quantum Computing Jam for our project titled "**Quantum Glitch**"
- Co-Authored a research paper titled "**Design Thinking Instructions and Cognitive Processes**" presented at the Product Life Cycle Modelling Simulation and Synthesis (PLMSS) Conference on December 20th.
- Presenting the revised research paper titled "**Design Thinking Instructions and Cognitive Processes**" presented at the "8th International Conference on Research into Design" at IDC School of Design, IIT Bombay in January 2021 with a springer publication.

PROJECTS

Engineering

3-Link Robotic arm: Built a 3-link path-tracing robotic arm for industry 4.0 Applications.

Bass Guitar Pedalboard: Built a bass guitar pedalboard from scratch by designing everything from the PCB's to the finished product.

Leaf Recognition using image processing: Created a software to detect which plant a leaf belongs to from its image using MATLAB.

Design

Tangible Music Interfaces: Reimagining conventional interfaces for music players and systems and deriving an alternative approach.

Tealder: A mobile application that connects people in academia for academic purposes. Students with each other to form teams based on common interests for projects, Professors with Students for research projects etc. (Currently being developed in CIE PES University).

Frndscnc: A mobile application that can recognize leaves based on a photograph. This application was developed after a Digital Image Processing Project with UX/UI Design requirements.

Vortex- Minimizing Wire Clutter: A product that helps you keep cable clutter at bay and organize your wires at the same time, with a primary target audience of musicians.

EXTRA-CURRICULARS

- Head of College Design Club- DSGNR
- Vocalist and Rhythm Guitarist for a college band
- Member of the Collegiate Social Responsibility (CSR) Club of the college
- Core team member of the college space and astronomy club- EQUINOX
- Subject Matter Expert(SME) for a course called "Dancing with Adobe"-taught and mentored 30 students.
- Artist in a fundraising stall for "Teach for India".
- Featured artist in NRTYA SHOWCASE 004 sponsored by VH1
- Instagram artist:
<https://www.instagram.com/lav.the.artist/>

