

# RUSHIRAJ GADHVI

COMPUTER SCIENCE UNDERGRADUATE AT PLAKSHA UNIVERSITY

🌐 <http://www.rushiraj.xyz/>

in [gadhvirushiraj](#)

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## ABOUT ME

### PLAKSHA UNIVERSITY

B.TECH  
COMPUTER SCIENCE AI

2021-25

I am a curious and passionate computer science student, looking forward to explore exciting new fronts in ML, AI and DSc. Love to experiment for finding unique solutions to challenging problem. I have built multiple innovative full stack products. My track record to adapt quickly to new practices and contiguous drive towards goal makes me a dependable team member.

## SKILLS

- Python , C++, HTML , CSS, C, Dart, JavaScript, APIs, Machine Learning, Bash Scripting
- Flutter Development
- Firebase, MongoDB
- Inkscape, Photoshop, Canva, Figma, WebFlow
- Microcontroller Programming (Hardware)
- Electronics Prototyping (Hardware)

## PROJECTS (PERSONAL/ IN TEAM)

### SPECTRAL ANALYSIS OF METALS AT DWARF

Spectrum data obtained from VLT@ESO was treated with high dimensional probability distribution MCMC to identify the metal elements. Also developed *EleSpec software* to visualize spectrum strengths and metal detection.

### THERAPIA - PARKINSON ANALYSIS

Built an app to collect vibration data of parkinson's patient using device accelerometer, apply ML to find trends in data, building platform for doctors.

### PAGE2CIRCUIT

page2circuit converts a hand-drawn circuit into digital schematics. It was made using PyTorch and OpenCV. The model was trained using open dataset consisting about 14,000 hand-drawn images of 11 distinct components.

## ACHIEVEMENT

- UN Millennium Fellowship: Global Admission Committee June-July 2023.
- AWS AI & ML Scholar 2023 Summer Batch.
- UN Millennium Fellowship - Batch 2022.
- Organized Intra-College Hackathon - 2022.
- 1st rank @ IIT Bombay, Ecell BnB Event-2022
- Zoho School of Technology, Zoho Corp. (Chennai) - 2021.
- 'Emergency Vehicle Systems' Project selected and funded by Student Startup and Innovation Policy (SSIP)-2020.
- Pitched at International Conference ICOSTART - 2019
- First Position in Science Modeling at IPR (Institute of Plasma Research) - 2019

## EXPERIENCE

- Inception of project in International Thermonuclear Experimental Reactor (ITER) at IPR Gandhinagar Aug-2023.
- Summer Internship June-July 2023 at PRL Ahmedabad
- Freelancings: *Designing and Editing*
- Ekaant: Mobile Apps on: *Meditation and Breathing exercise Schedule and track-record*
- Homify: Mobile App on: *Housing Society: Maintenance, Accounts, Notices, Bills Payment, Tokens...etc*
- Game Designer: *Internship at MADIEE Games*

## VOLUNTEERING

- Volunteered in Astro-Night event held in Ahmedabad for three consecutive years 2017, 2018 and 2019
- Volunteered in Vikram Sarabhai Community Science Centre for Annually held Science Fair in 2016, 2017.