

Dhruv Deshmukh

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EDUCATION

Dy Patil International University

Bachelor of Technology in Computer Engineering, 2023

EXPERIENCE

Marketing for IT product | Epson:

Jun 2021 – Jul 2021

- Selling and marketing the printers for Epson.

Executive Lead | Dy Patil International University:

- Executive Lead for Lasux-v Club in the university.
- Club did code competitions and seminars.

PROJECTS

ASIC design for S-DES Encryption/Decryption (Logisim)

- Chip design for s-des Algorithm using logic gates in Logisim.

Sending Files Over Radio (Python, Radio Hardware)

- Binary of a file is sent over the radio using FM and decoded back to the file format after a parity check.

Vehicle Theft Prediction ML (Python, Dash)

- Polynomial regression to predict Vehicle theft state-wise in India per year all displayed visually on a choropleth map of India.

Heart Failure Prediction ML (Python, HTML, CSS)

- Predicts the likelihood of a person having heart failure in the future with a pleasing Html forum.

Fire Evacuation System (ESP 32, Sensor)

- Electronic doors auto unlock when sensor detects fire.

Blood Oxygen Levels to Unlock Doors (ESP 32, Sensor)

- Electronic door unlocks when blood oxygen level is above a certain percentage Indicating they are not sick.

EXTRACURRICULARS

- Team Member of UAE PARKOUR
- DJ / Producer

Technologies and Languages

- Python, JavaScript, SQL, HTML, CSS, MATLAB
- Flask, Sk-learn, NumPy, Pandas, Dash