

Hemchandra Vallepu

Student Developer and Enthusiastic Learner

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🐙 <https://github.com/VallepuHemchandra>

Profile

To achieve an aspiring and earnest internship/placement that not only supplements my present knowledge but also enhances my technical and creative skills and drives me towards a challenging career in a growth-oriented organization.

Education

B.Tech, Computer Science & Engineering (Artificial Intelligence & Machine Learning), present
Gokaraju RangaRaju Institute of Engineering & Technology Hyderabad, India

Diploma, Computer science, 06/2018 – 09/2021
Mahaveer Institute Of Science & Technology Hyderabad, India

Secondary (X), Donald Memorial High School, Hyderabad 04/2018
Hyderabad, India

Skills

python	<div><div></div></div>	java	<div><div></div></div>
c++	<div><div></div></div>	javascript	<div><div></div></div>
HTML/CSS	<div><div></div></div>	sql	<div><div></div></div>

Certificates

- DSA from smart interviews.
- Java certification from Simplilearn.
- Introduction To Internet Of Things from National Programme on Technology Enhanced Learning (NPTEL).

Projects

Bank ATM security using face recognition

Face recognition technology at bank ATMs increases security and reduces fraud, but accuracy and privacy concerns remain.

A Deep generative model for Dehazing Multispectral remote sensing Satellite images

Remote Sensing (RS) is the process of observing and measuring physical features of an area from a distance. Multispectral imaging captures image data across different wavelengths, but haze or pollution can make them unusable. This proposed work uses Deep Learning techniques to dehaze multispectral satellite images, using a Deep Generative model and a public-domain satellite image dataset.

Domains

Machine Learning	● ● ● ● ●	Deep learning	● ● ● ● ●
Cloud computing	● ● ● ● ●	Web Development	● ● ● ● ●