Anurag Sahu

BTech 3rd year IIIT Hyderabad.

CONTACT

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LINKS

Github:// **AnuragSahu**
LinkedIn:// **Anurag-Sahu**
Quora:// **Anurag-Sahu**
CodeChef:// **anuragsahu**

COURSEWORK

UNDERGRADUATE

Operating Systems
Artificial Intelligence
Algorithms
Computation Complexity Theory

Artificial Intelligence
Computer Graphics
Digital Signal Analysis
Formal Methods
Computer Networks

SKILLS

PROGRAMMING

Over 1000 lines:

- Python
- C++
- Matlab
- Git • MySQL

CERTIFICATES

TRAININGS

Diploma in Data Science
Training in JAVA (J2SE | J2EE)
Training in PHP.
Training in Android.

EXPERIENCE

VLEAD | Software Intern

Aug 2018 - Nov 2018 | Hyderabad, India

- Developed the Exeperiment module for Infix to postfix Exercise.
- Made the Video artefact for the Infix to Postfix Exercise.

EDUCATION

IIIT HYDERABAD

BTech in Computer Science
Aug 2018 | Hyderabad, India

IIIT NAYA RAIPUR

BTech in Computer Science
Jun 2018 - Aug 2018 | Naya Raipur, India
Cum. GPA: 4.1 / 5.0

SRI SANKRA VIDYALAYA

Grad. Jun 2016| Hyderabad, India

RESEARCH

ROBOTICS RESEARCH CENTER | Master's Student

Dec 2018 – Ongoing | Hyderabad, India
Working on making synthetic warehouses for training the DL/RL models wo that the models can be trained with and without supervision.

ONGOING PROJECT 1 | Applications on synthetic warehouses

Given the RGB images of racks with some objects in them, Estimate the Free space in the racks. Find the Bounding boxes around the objects placed in the racks and the racks themselves.

ONGOING PROJECT 2 | Applications on Real images

Given the RGB images of objects Predict the 3d Point cloud of the objects in the picture. Also prediting the Occluded Side of the Objects.

AWARDS

2018 top 5 / 10000 Selected for admission through **Lateral Entry at IIITH**.
2017 top 18 / 4500 Selected for Think Raipur conducted by RSCL.
2017 Best Project Award for making the Air Pollution Monitering System.

ACADEMIC PROJECTS

- **Stereo Dense Reconstruction** 3d point cloud out of 2d.
- **Visual Odometry** recovering trajectory using camera.
- **Localization Using EKF** Correcting the robot's estimated path.
- **TIC-TAC-TOE Bot** Playing Xtreme Tic-Tac-Toe.
- **2D Game**, **3D Game** and and **3D infinite Runner game** in **OpenGL, WebGL**.
- **Matlab Image processing** to remove noise from Images and sound.
- Shell and Changing **xv36 Operating System** for new features.
- AI **MDP Utility generator**.