Anurag Sahu

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EDUCATION

IIIT HYDERABAD
B.Tech. and M.S. by Research
Hyderabad, India
CGPA : 7.8
Expected Graduation:2022

CONTACT

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LINKS

Github:// **AnuragSahu**
LinkedIn:// **Anurag-Sahu**
Quora:// **Anurag-Sahu** (850k+ Views)
CodeChef:// **anuragsahu**
3-Star(Highest Rating : 1721)

COURSEWORK

Operating Systems
Artificial Intelligence
Algorithms
Statistical Methods in AI
Optimization Methods
Computer Vision
Mobile Robotics
Digital Image processing
Computation Complexity Theory
Introduction to Databases
Computer Networks
Structured Systems Analysis and Design
Distributed Systems

SKILLS

PROGRAMMING
• Python
• C++ • Matlab
• Git • MySQL

OTHER HOBBIES

- Riding
- Creating and Capturing Memories
- DIYing

EXPERIENCE

SONY CORPORATION | Software Engineering Intern
- Working with Sony India team, SARD with Computer Vision Team.
- Developed POC for improving Depth Maps from cameras.
- Creating Dense Depth Maps, Calibrating Depth Maps and RGB Images.
- Human Body Reconstruction using Multiple Views.

DEEP VIDYA AI PVT. LTD. | Computer Vision Intern
- Conducting Research on Depth Estimation via Single/Multiple Views.
- Engaging in content creation for Deep learning and Computer Vision Courses.

JP MORGAN AND CHASE | Virtual Internship Program
May 2020 – June 2020
- Establishing Financial Data Feeds
- Frontend Web Development
- Data Visualization with Perspective

FULL STACK PROJECTS

EV CHARGING APPLICATION | Android App with backend
- Android App Interface that fetches data from BackEnd API.
- Backend End made on Node.js uses Cloud MongoDB to store data.
- Working on Web-based Interface.

RESEARCH EXPERIENCE

ROBOTICS RESEARCH CENTER, IIIT HYDERABAD
- Working under **Professor K Madhav Krishna** on Deep learning Applications on Warehouses.
- Dataset "WareSynth : Synthetic warehouse Generation Pipeline." **Project Page**

PUBLICATIONS

MULTI-LAYER LAYOUT ESTIMATION FOR WAREHOUSE RACKS
- Given a monocular colour image of a warehouse rack, predict the bird's-eye view layout for each shelf in the rack.
- Accepted in **ICVJIP 2021**. **arXiv Link**, **Project page**

ACADEMIC PROJECTS

- **Point Cloud Reconstruction** from 2D Images.
- **Stereo Dense Reconstruction** 3d point cloud out of 2d.
- **TIC-TAC-TOE Bot** Playing Xtreme Tic-Tac-Toe.
- **2D Game**, **3D Game** and **3D infinite Runner game** in **OpenGL, WebGL**.
- **Matlab Image processing** to remove noise from Images and sound.