SUKRIT DAS

3rd Year, CSE(AIML), INSTITUTE OF ENGINEERING AND MANAGEMENT, Kolkata

Personal info

6289178557
dassukrit2001@gmail.com
229/A, 31/8 Acharjee Para Lane, 24 Pgs (N), 743134

Links

LinkedIn
GitHub
Facebook
Twitter

COURSEWORK

UNDERGRADUATE

- Data Structures
- Python
- Design And Analysis of Algorithm
- Operating System
- Computer Organisation and Architecture

Languages

- Python
- Arduino
- C
- SQL
- MATLAB

Skills

- Auto CAD
- Autodesk Inventor Professional
- LaTeX
- Data Preprocessing
- Database Admin

Libraries

- OpenCV
- Tensorflow
- Pytorch
- Matplotlib
- Scikit-learn

Education

- BRV, Nadia - 10th (January 2012 - March 2017)
- HRV, 24 Pgs(N) - 12th (June 2017 - March 2019)
- HIT, Hooghly - Diploma in Mechanical Engineering (August 2019 - April 2022)
- IEM, Kolkata - B.Tech in CSE(AIML) (August 2022 - Ongoing)

Communication

- Bengali
- English
- Hindi

Work Experience

IEM-IEDC, Machine Designer

September 2022 - February 2023

- Six Axis Robot Structure Design - I worked on Six Axis Robot structure design, optimizing precision and versatility at IEM-IEDC.
- Prosthetic Arm Design - Led prosthetic arm design project, enhancing mobility and functionality for users.

IEM-CEDS, Research Trainee

April 2023-Present

- Visual Features Extraction From Images - Extracting different Features From a Room Blueprint and Performing GANN to generate a Variety of Custom Objects. Overlaying these Objects on real Objects and Hence creating a Virtual Enviornment From a Smartphones camera.
- Acute Lymphoblastic Leukemia Classification using Compact Channel Specific Multi-column CNNs
- Understanding Machine Learning Approaches for Diabetic Retinopathy Detection
- Professional Focus: Human Pose Estimation and Tracking - I am currently engaged in the dynamic field of Human Pose Estimation and Tracking, where I leverage cutting-edge technologies to analyze and interpret human movements. My work involves developing innovative solutions that contribute to advancements in computer vision and human-computer interaction.

Larsen and Toubro CSTI, Machine Designing Trainee

2021-2022

- As part of my work experience at L&T CSTI, I honed my skills in designing various machinery parts, contributing to the precision and efficiency of industrial equipment.

Personal Projects

- **Esp32 and cloud based air quality monitoring**
- **Hospital Database Management System**
- **Arduino based biometric fingerprint door lock**

Hobbies

- **Playing Guitar**
- **Listening Music**