

# ANUBHAB SEN

IIIT-Hyderabad, India

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## EDUCATION

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**International Institute of Information Technology, Hyderabad**

*Aug 2015 - Present*

Dean's list (top 5% of class, 2015-16 and 2016-17)

Major (CS) CGPA: 9.6/10

Computer Science and Engineering

Overall CGPA: 9.01/10

Research lab: Centre for Visual Information Technology, IIIT Hyderabad

## TECHNICAL SKILLS

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**Computer Languages**

Python, C/C++, MATLAB, JavaScript, BASH

**Software & Tools**

HTML, SQL, Git, GDB

## RESEARCH EXPERIENCE AND TEACHING

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**Undergraduate Research Intern**

May 2018 - Present

*Indiana University Bloomington, Computer Vision Lab*

*Dr. David Crandall*

- Selected via the Global Talent Attraction Program at IU Bloomington
- Working on a piano tutor which evaluates a candidate real time by using a video feed of the person playing (checks notes played and the finger used to play the note)

**3D Shape Reconstruction**

June 2017 - Present

*Centre for Visual Information Technology*

*Dr. Avinash Sharma*

- Deep learning network to construct polygon models of humans from single or multiple RGB images.
- Animate by generating all possible poses once the model is ready

**Unsupervised Depth Estimation from Video**

January 2018 - May 2018

*Centre for Visual Information Technology*

*Dr. Anoop Namboodiri & Dr. Avinash Sharma*

- Implemented a deep learning network to learn disparity and depth maps from KITTI dataset in an unsupervised manner without ground truth labels

**Undergraduate Teaching Assistant**

August 2017 - Present

- Operating Systems course in the institute (150+ students)
- Computer Graphics course in the institute (150+ students)
- Statistical Methods in AI (280 students including bachelors, masters, PhD and professionals)

## ACCOMPLISHMENTS

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- Selected and sponsored by **Indiana University Bloomington** as part of the **Global Talent Attraction Program** to perform research with the Computer Vision Lab at IU
- **KVPY scholarship** awarded in 2014 by IISc: Fellowship for talented students interested in pursuing a career in research
- Became an **NTSE (National Talent Search Examination)** scholar in 2011 conducted by NCERT with a state rank of 2
- **Inspire Award** for exemplary interest in Science and research by the Department of Science and Technology, Government of India
- Semi finalist in an **ultimate tic tac toe (4x4x4x4) AI bot tournament** with over 100 participants
- **IIIT-H**: Responsible to build and maintain portals for online contests during the annual college fest