IAESTE INDIA

REMOTE WORK OFFER

Employer Information

Employer: Manipal Institute of Technology
Information and Communication Technology

1st Floor, Academic Block-4, MIT, Manipal

576104 Manipal
India

Number of employees: 500
Business or products:

Website: http://www.manipal.edu

Location of placement: Work from home
Working hours per week: 25.0
Working hours per day: 5.0
Remote Offer Type: NA

Student Required

General Discipline:	11-COMPUTER AND INFORMATION SCIENCES	*Completed years of study:*	2
Field of Study:	11.0103-Information Technology. 11.0201-Computer Programming/Programmer, General. 11.0202-Computer Programming, Specific Applications.	*Student status requirements:*	Yes
		Language required:	English Excellent

Required Knowledge and Experiences:

Other requirements:

Programming ability with python or R.

Work Offered

Identification of a place using similar images.

Detailed Project Description:

While travelling, people use navigational aids extensively. Finding a place of interest based on the text is a known feature. Having obtained a picture which is not full or is occluded, Identification of similar places isn't easy. The project involves:
1.Constructing the original image from a set of occluded images.
2.Constructing a full image on combining images taken from different viewpoints
3.3D reconstruction of the image given a set of images.

Outcomes of the Project:

1.Computer Vision concepts.
2.Learn SIFT algorithm
3.Stitching of images
4.Handle occluded images

Expected Results:

1.A working model based on any of the problem statements.
2.A detailed report on the work carried out.

Work Plan:

1.Atleast one meeting per week is required.
2. At the end of the project, the intern is expected to submit the code, make a report along with a Presentation.

Number of weeks offered:	8 - 12		
Within the months:	20-AUG-2020 - 30-NOV-2020	*Gross pay:*	0 INR / Month
Or within:	-	*Deduction to be expected:*	0
Company closed within:	-	*Payment method / time of first payment:*	/
Latest possible start date:			

Additional Information

Nomination Information

Deadline for nomination: 25-AUG-2020

Date:	19-AUG-2020	*On behalf of receiving country:*	Siddharth Chadha