



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Application for IIT Bombay Research Fellowship 2010

Choice of Department in IIT Bombay :

First Choice [Computer Science & Engineering](#)

Second Choice [Centre for Environmental Science and Engineering](#)

Third Choice [Centre for Technology Alternatives for Rural Areas \(CTARA\)](#)

Choice of Research projects in IIT Bombay :

First Choice [BodhiTree: A Platform for Improving Learning Outcomes using Online Interactive Courses and Assessed Labs](#)

Second Choice [Mapping and emission estimates from existing solid waste landfill sites in India](#)

Third Choice [Holistic mapping of major flood triggers in Kerala using crowd sourcing and high spatio-temporal resolution imagery](#)

Period of Internship : December 2019 to June 2020

1. Name *
2. Address *
City *
State *
Pincode *
3. Email *
4. Mobile
5. Land Line *
6. Marital Status *
7. Gender *
8. Date of Birth
9. Name of the College *
10. College/Institution Full Address *
11. Name of the College contact person *
12. Contact number of the College contact person *
13. Select the appropriate one * :

kalikiri, chittoor district
kalikiri
ANDHRA PRADESH
517234

08790926491
0-8584
Unmarried
F
12-06-2000
IIIT, R.K Valley, Rajiv Gandhi University of Knowledge Technologies
Idupulapaya , Vempalli , Kadapa district
Shaik Mohammad Rafi . B
90004991304
I am Pursuing my third/fourth year of my Bachelor's program

14 A. Details of Academic Record:						
Exam	Subjects Taken	Board / School	Month & Year of Passing	% of marks	Rank in School / out of	Any other information
X	Telugu, English, Hindi, Maths, Science, Social	SSC	04-2015	98.100	First Rank/100	
XII	Telugu, English, Maths, physics , chemistry	SSC	05-2016	82.100	within first 10/54	

14 B. Bachelor Degree B.Tech. Electronics and Communication Engineering IIIT, R.K Valley, Rajiv Gandhi University of Knowledge Technologies

Year	SEMESTER	Month & Year of Passing	% of marks	Rank in college / out of	Any other information
1	1	08-2017	78.--	other/--	
1	2	04-2017	75.--	within first 10/--	
1	3	06-2017	75.--	other/--	
2	1	08-2018	74.--	other/--	
2	2	04-2018	73.--	within first 10/--	

14 C. Masters Degree

Year	SEMESTER	Month & Year of Passing	% of marks	Rank in college / out of	Any other information
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Any other Qualificaiton

1. got GOLD badge on Hakerrank.com	link : https://hackerrank.com/r151313?hr_r=1	2. IOT & Machine Learning by Bolt(Learning hands on projects belongs to IOT & ML(Learning hands on projects belongs to IOT & ML	
3. Diploma In Data Science by APIIT	4. Programming With Python by Internshala	5. Machine learning workshop by AMZ Automotive	6. Cyber Security workshop by Octofer

15. Statement of purpose:

Respected sir/madam : I am writing to apply for an Internship position in Deep Learning and Machine Learning Field for the upcoming semester. Myself JAGANNADAN MANASA from APIIT, RGUKT, R.K Valley. I am pursuing B.Tech 3rd year, ECE with 8.2 /10. I am currently working as a Robotics Club Member in our university and doing a Real-Time project named as ♦Self-Alignment Robot♦ since 1 year related to Deep Learning, OpenCV, which would be an asset for this intern position. Ongoing Project : We are trying to implement these Self-Alignment Robot Practically using DL and Digital Image Processing. What is the main reason that we are doing these project is, our project changes ♦Human Lifestyle♦ means the project description is to 'Align the objects automatically of their respective positions where they are'. Hence, it decreases the human effort. Note : Self-Alignment Project complete abstract and our past work experiences are prepared in another document, it will be sharable to you. Yes, in our Lab i am one of the Speaker to show my attitude on my desired field and express my innovative thoughts. I am the Project Captain of self-alignment robot project. And also I'll share my knowledge towards using Social Medias very well. I have accounts in YouTube.com, Medium.com. I am improving and testing my knowledge on Hackerrank.com. In Github.com i will share the codes and documents of my past experience. I gave many Oral presentations related to Robotic Arm, Mathematics. Note : The links related to my blogs(Medium), Channel(YouTube) , Github.com, Hackerrank.com, and LinkedIn.com are sharable to you. I want to continue my career in DL & ML Field by working on Realtime projects. Interning

for your department be an incredible opportunity, and i believe i have much offer to this Internship by seeing my Resume, Medium.com blogs, Youtube channel, Linkedin profile, Github profile, Hackerank profile . Sincerely , JAGANNADAN MANASA. 1.Linkedin.com <https://www.linkedin.com/in/jagannadan-manasa-aal1b0179/> 2.Medium.com <https://medium.com/@manasajagannadan> 3.YouTube.com https://www.youtube.com/channel/UCA2QUQqzXP5sEpcHwpKZBCg/videos?view_as=subscriber 4.Github.com <https://github.com/Manasajagannadan> 5.Hackerrank.com https://www.hackerrank.com/r151313?hr_r=1 manasa_jagannadan_Resume : <https://drive.google.com/file/d/1jCoFSSdPoNP78QYaotazSqFx6QtQlik4/view?usp=sharing>

16. Additional Information:

a. Ranks / Scores / Awards obtained in university or national level exam such as CSIR, GATE, UGC:

1.Certificate of appreciation for HTML, Python by Sololearn 2.Certificate of selection, Appreciation by UNV India, for the completion of an internship 3.Certificate of selection for campus ambassador internship by LWT 4.Certificate of appreciation for Robotic Arm project as a Project Captain 5.Certificate of participation for Python, Machine Learning by UDEMY 6.Certificate Of Appretiation for giving Oral Presentation on Robotic Arm & Mathematics 7.Certificate Of Appretiation for selected mandal first on my SSC

b. Papers presented at seminar & conferences:

Yes, i am working on Machine Learning projects.Related to our project and gave seminars on "Health Monitoring System" & "Self Alignment Robot"

c. Projects carried out (if any, other than required for academic program):

1.Self-alignment robot : Language :- Opencv,Numpy,matplotlib,scipy,pandas,os,sys, Arduino ,OpenCV, Arduino 2.Health Monitoring System : Technologies used : NLP, RFID, GUI 3.A New Way To Detect Cyber Attacks 4.4.Automatic Door Locking System Yes , we are actually working on HEALTH MONITORING SYSTEM project : Description : this project describes that when a patient tells the problem what he/she have , the robot will ask the symptoms relate to the problem.Based on his/her answers the robot calculate the average percentage decides what disease he/she have. About Project : Project is to ask the symptoms what you are having in the form of Speech and it will convert into text and again ask the questions based on the symptoms. Technologies used : NLP, RFID, GUI. Here we developed this project on Python programming(GUI) Link is : <https://github.com/Manasajagannadan/health-monitoring-system> google drive link : https://drive.google.com/file/d/1uxGo2dQm2Yz_OUBbEbdddHuAvnjmrBFM/view?usp=sharing Present we are working on another project named as Self-alignment robot under "Deep Learning".The Project deals with Deals with ML algorithms, image processing, Object Detection and Kinematics. If needed the i'll send the pdf related to the topic : link is : https://drive.google.com/file/d/1Po_WuXLC18eQgdEUR4SHGwclMhHhuViZ/view?usp=sharing

d. Participation / Recognition in competition, such as NTSE, Olympiad, Design Contests:

1.Participated in convocation held on APIIT,RKV of a project named as "Health monitoring System","Self-Alignment robot".

e. Any other special recognition / information such as knowledge of special tools / techniques / skills:

Techniocal skills: 1.Arduino 2.Python 3.Matlab 4.Open CV 5.HTML 6.C 7.Java Script 8.Xiling ISE Operating Systems : 1.Ubuntu 2.Windows 10 Areas of interest : 1.Deep Learning 2.Machine Learning 3.Ethical Hacking 1.Robotics Club Member : Cause : Science & Technology Description : 1.Working on Specialized Machine Learning and Deep Learning Projects 2.Speaker on Robotics Lab 2. Project Captain : Cause : Science & Technology Description : Great experience working with the project named as Self-alignment robot 3.Project Specialist : Cause : Science & Technology Description : Fabulous experience working on Deep Learning project Named as HEALTH MONITORING SYSTEM & Robotic Arm

17. Any other information:

Postal Address : IIIT-RK Valley Campus, Academic Block - 1, Ground Floor, Idupulapaya, Vempalli, Andhra Pradesh 516330 URL : <http://rguktrkv.ac.in/> Phone number : 085882 83603

18. Kindly upload scanned certificate from head of your institution : * [**ONLY PDF File** [Click here to view the standard format of certiiifcate](#)]

Please do not upload files with names that have space in between them.

Ex:- "Additional into of Project.pdf" or "uploaded addition al info.pdf" should not be uploaded. They have to be renamed to "Addtional_into_of_Project.pdf" or "uploaded_additional_info.pdf" etc before uploading.

No file chosen

Place : [IIIT,R.K](#)
[Valley,RGUKT](#)

If the information you provided above is correct kindly take a print out through your browser or press [ctrl+p] before you click the "Apply Button" for your reference. Else click "Edit" to edit your information.

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