

Seeking to be part of trend-setting team in automation / robotics.

## work

### Work Student

### SPECTORS project: ISIS IC GmbH

jan '19 - apr '20

- funded by INTERREG V-A Deutschland-Nederland
- nov '19 - now - "Controller development for Tether-system of a Drone"
- apr '19 - jul '19 - "Flying Microscope system FMS design and implementation"
- jan '19 - apr '19 - "Remotely accessible Spore - Collector prototype for FMS"

### HSRW & ISIS IC GmbH collaboration

- aug '19 - nov '19 - "Pose regulation and Trajectory tracking controller design for a self built Field Robot"
- nov '19 - now - optimizing MATLAB code and its implementation on real prototype

### Getec-Service gesellschaft mbH

- Oct '17 - Mar '18 - Praktikant Technical Draftsman

## education

### Mechanical Engineering M.Sc

Hochschule Rhein-Waal, Kleve

Focus in Mobile robotics, Multibody Dynamics and control system design

### Mechanical Engineering B.Tech

GRIET JNTU, Hyderabad



## Giridhar Vitta Bukka

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## skills

### Rapid prototyping

MATLAB - Microcontrollers

Eagle - Fusion 360 - Solidworks

### Embedded system implementation

Programming - C++

Circuit design - Eagle

### Robotic Software Framework

ROS

## interests

Networking - Internet

Rapid - prototyping

Autonomous Mobile Robots

Real time control system design