

# Allamaneni Dheeraj

IoT DEVELOPER · AI ENTHUSIAST

3-10-20/48/A, Gokhale Nagar, Ramanthapur, Hyderabad, Telangana, 500013, INDIA

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“Willingness to fail is opportunity to innovate.”

## Summary

Recent graduate with B.Tech in Electronics and Communication Engineering. Past IoT Developer in start-up company ENIGMA Tech. 2 years experience specializing in Robotics, IoT and backend. Interested in devising a better problem-solving strategy for challenging tasks, Machine Learning Dev and love learning new technologies and tools.

## Work Experience

### ENIGMA Tech.

T.Hub, Hyderabad

IoT DEVELOPER

Jul. 2015 - PRESENT

- Leading a Team of seven, Developed and built intelligent robots and IoT Products.
- Built a Application for Department of Defense Production as part of worlds largest hackathon (SIH-2017), This whole project was demonstrated to Honorable PM Narendra Modi sir and has appreciated for our efforts.

### INSIGNIA Labs.

Hyderabad, INDIA

RESEARCH INTERN

Jan. 2015 - Apr. 2015

- Developed long range wireless power transfer system.
- Developed games with Arduino and Raspberry pi.
- Implemented piezo electric power generation.

## Honors & Awards

### INTERNATIONAL

Jun. 2017 **1st Place**, AngelHack.

Microsoft Campus,  
India

Apr. 2017 **Finalist**, Smart India Hackathon under Department of Defense Production by Government of India. This whole project was demonstrated to Honorable PM Narendra Modi sir and has appreciated for our efforts.

Bangalore, India

Sep. 2016 **3rd Place**, Megathon (A 24Hrs hackathon) by E-Cell IIT-Hyd and IIIT-Hyd

T.Hub, India

Nov. 2016 **Finalist**, Showcased our IoT product Medicine-Remainder to Steve Crocker Chair, ICANN Board of Directors at ICANN57(18th AGM)

Hyderabad, India

Mar. 2016 **4th Place**, International Autonomous Robotics Competition at IIT-Kanpur

Kanpur, India

Dec. 2015 **2nd Place**, International Robotics Competition at IIT-Bombay

Mumbai, India

Oct. 2011 **Distinction**, Australian National Chemistry Quiz by ROYAL AUSTRALIAN CHEMICAL INSTITUTE

New Delhi, India

### DOMESTIC

Mar. 2016 **1st Place**, Autonomous Robotics at JNTUH

India

Mar. 2016 **1st Place**, Maze Solver (Robotics competition) at CVR College of Engineering

India

Apr. 2016 **2nd Place**, Project expo at Mahatma Gandhi Institute of Technology

India

Feb. 2016 **1st Place**, Robotics Competition Conducted by SAKSHI-ARENA ONE Youth-fest

India

Feb. 2016 **Silver Medal**, Best performance in Electronic design projects at Mallareddy college of Engineering

India

Jan. 2016 **Finalist**, DTMF Race at IIT-Hyderabad

India

Sep. 2015 **1st Place**, Robotics Competition at FACEit-2K15( A NATIONAL LEVEL TECHNICAL SYMPOSIUM )

India

Jun. 2015 **2nd Place**, Group Discussion at Anushtana-2K14 ( Annual Cultural fest at ACE)

India

## Presentation

### IEEE Paper presentation at Osmania University

Hyderabad, India

WATER QUALITY MONITORING USING REMOTE SENSING AND NEURAL NETWORKS

Mar. 2015

## Conferences

### AWS Cloud Kata for Startups and Developers

Amazon, Hyderabad

ATENDEE

Sep. 2016

- enriching talks and interactive panel discussions geared specifically for growing startups, developers & the investor community. Besides providing with the business mentoring, technical training and customer insights, the Cloud Kata session is an excellent opportunity to network with our peers and the AWS team.

### CBIT Model United Nations

India

DELEGATE OF UGANDA

Mar. 2014

- Delegated Human Resource problems of UGANDA to the council.

### ACE Model United Nations

India

HEAD OF HOSPITALITY AND ORGANIZING COMMITTEE

Jan. 2014

- Organized 3-days MUN Conference.

## Technical Skills

**Programming Languages**, : C, MATLAB, Wolfram Mathematica

**HDL S**, : VHDL, Verilog

**Tools Used**, : Xilinx ISE, MATLAB R2015a, Mathematica, IBM Bluemix, JSFiddle, NI-LabVIEW and Multisim

**Scripting**, : Python, JavaScript

**Operating Systems**, : LINUX , WINDOWS

**Markup Languages**, : HTML5 , LaTeX

## Education

### ACE Engineering College

Hyderabad, India

B.TECH. IN ELECTRONICS AND COMMUNICATION ENGINEERING

Mar. 2013 - Jun. 2017

- Graduated with "First Class"
- Major Project: RoadTrack** AI based Real time Road quality measurement and mapping with route planning.
- Mini Project: Tracking Beacon** Cloud based Real time GPS tracking with Time of Arrival Estimation.

### DELTA Junior college

Hyderabad, India

INTERMEDIATE EDUCATION IN MATHEMATICS, PHYSICS AND CHEMISTRY

- Percentage : **82.5%**

### Narayana E-techno School

Hyderabad, India

SECONDARY EDUCATION

- Percentage : **75%**

## Certifications

### Programming, Data Structures and Algorithms

IIT-MADRAS

Jul. 2014

### Digital Circuits and Systems

IIT-MADRAS

Apr. 2015

### Machine Learning

STANFORD UNIVERSITY

Dec. 2016 - PRESENT

### Business Foundations Specialization

WHARTON SCHOOL OF BUSINESS

Nov. 2016 - PRESENT

### HTML, CSS, and Javascript for Web Developers

JOHNS HOPKINS UNIVERSITY

Feb. 2017 - Apr. 2017