

Allamaneni Dheeraj

IoT DEVELOPER · AI ENTHUSIAST

4122 Harris st, Ames, Iowa

☎ (+1) 646-384-3078 | ✉ dheeraj@iastate.edu | 🌐 www.dheeraj.online | 📷 dheeraj-allamaneni | 📺 dheerajallamaneni

“Willingness to fail is opportunity to innovate.”

Summary

Master's student in Computer Engineering. Past IoT Developer at start-up company PARISHOD Tech. 1-year 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

PARISHOD Tech.

IoT DEVELOPER

T.Hub, Hyderabad

Jun. 2017 - DEC. 2017

- Leading a Team of seven, Developed and built intelligent robots and IoT Products.
- Major projects include Agriculture automation for Mahindra Rise and Medical vending machine (IoT).

INSIGNIA Labs.

RESEARCH INTERN

Hyderabad, INDIA

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-Reminder 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-ARENAONE 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 Anushthana-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, NI-LabVIEW and Multisim

Scripting, : Python, JavaScript

Operating Systems, : LINUX , WINDOWS

Markup Languages, : HTML5 , LaTeX

HPC using, : MPI , Open MP

Education

Iowa State University

Ames, Iowa

MS-THESIS IN COMPUTER ENGINEERING

Jan. 2018 - Jan. 2020

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%**

Certifications

Self-Driving Car Engineer Nanodegree Program

UDACITY

May. 2018

Introduction to Computer Vision

UDACITY

Mar. 2018

Python for Everybody

UNIVERSITY OF MICHIGAN - COURSERA

Feb. 2018

Programming, Data Structures and Algorithms

IIT-MADRAS

Jul. 2014

Digital Circuits and Systems

IIT-MADRAS

Apr. 2015

Machine Learning

STANFORD UNIVERSITY

Dec. 2016

HTML, CSS, and Javascript for Web Developers

JOHNS HOPKINS UNIVERSITY

Feb. 2017 - Apr. 2017