Allamaneni **Dheeraj**

IoT Developer · AI enthusiast

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"Willingness to fail is opportunity to innovate."

Summary

Recent graduate with B.Tech in Electronics and Communication Engineering.Co-Founder & 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*

Co-Founder & 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 pezio 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**, AustralianNational 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 Paperpresentation at Osmania University   *Hyderabad, India*

Water Quality Monitoring using Remote sensing and Neural Networks   *Mar. 2015*

IEEE Paperpresentation at Mahatma Gandhi Institute of Technology   *Hyderabad, India*
Swarm Robotics   *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*