Aaditya Prakash Kattekola

Third Year (B.Tech)
Electronics & Communications Engineering
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Education

2019-Present
B.TECH IN ECE
NIT Warangal
CGPA : 8.3/10

2018-2019
CLASS 12
Indian School Muscat, Oman
Percentage: 91.8%

Coursework

Linear IC Applications
Computer Architecture
CMOS VLSI Design
Analog & Digital Communication
Microcontrollers
Antenna Propagation

Skills

OS
GNU/Linux, Windows

LANGUAGES
Verilog HDL, TL-Verilog,
C, C++, Rust, Python

FRAMEWORK
Robotics Operationg System

SOFTWARE
MATLAB, Vituoso,
Multiism, Xilinx Vivado,
Unity, Godot

OTHERS
Markdown, Latex, Git, Vim,
Blender, Gimp,
Da Vinci Resolve

Links

LinkedIn
Coursera
Udemy

Project

FROM NOV 2021   **8-Bit CPU**   **Hardware**
Implementation of a 8-Bit CPU

DONE OCT 2021   **Analog Computer**   **Hardware**
Built a circuit that solves a particular differential equation.

FROM JAN 2021   **University of North Texas**   **Research**
Study on COVID19 Vaccine Distribution & Associated Issues in MP - India.

Participation

FROM NOV 2021   **ABU Robocon 2022**   **IIT Delhi**
The ABU Asia-Pacific Robot Contest (ABU Robocon) is an Asian-Oceanian college robot competition.

FROM OCT 2021   **eYantra Robotics Competition**   **IIT Bombay**
India's biggest PBL (Project Based Learning) robotics competition

Extra Curricular Activities

FROM AUG 2021   **Robotics Club**   **Additional Secretary**
Roles & Responsibilities
- Lead teams into various Robotic Competitions
- Train other club members to an appropriate skill level

TILL DEC 2020   **GBit Studios, Warangal**   **Game Programmer**
- In 2020, co-mentored new recruits & co-lead project "Net-It".
- In 2019, worked under many game projects such as "Maya"

Achievements/Scholarships

IN DEC 2020   **Open Innovation Challenge**   **Honourable Mention**
Developed an app that enriches parent-child interaction aided with emotion recognition.

IN MAR 2020   **National Innovation Contest**   **Shortlisted**
Worked on "Maya"; Shortlisted for the National Innovation Contest (NIC) - Ministry of Education, Govt. of India

IN FEB 2020   **Smart India Hackathon**   **Qualified**
Developed Indoor Navigation App that utilises AR in guiding the user & ML while mapping.

IN NOV 2019   **Scholarship Programme for Diaspora Children**   **Scholarship**
Merit-Based Scholarship awarded by Ministry of External Affairs (MEA), Govt. of India.