

MOHAMMED ARSLAAN KOLA

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SUMMARY

Lead Design Engineer with one year of experience in building circuits and programming. Collaborative team player with proven track record of delivering multiple, concurrent projects in fast-paced environments. A good track record of conducting workshops and teaching young minds.

PROFESSIONAL EXPERIENCES

Company : Solic, Mangalore
Duration : December 21, 2019 to Till date
Job description : Worked closely with "Mystery Junkies", to set up Escape Rooms in Bangalore.
Worked with product planners and industrial designers to conceptualize and refine product concepts.
Recommended and selected new and replacement test equipment to improve research and testing capabilities.
Designed the mechanical and electronic circuitry of "Timer Box" for Mystery Junkies.

Company : Epitas Software llp, Mangalore
Duration : July 8, 2019 to December 18, 2019
Job description : Worked with the technical team to develop the product "Speculo-Smart Mirror"
Worked with customers to understand needs and provide them technical service.
Trained engineering students during their Internship in the field of Robotics and IOT.

EDUCATION

Electronics and Communication Engineering | St Joseph Engineering Collge, Mangalore
2015-2019
CGPA – 7.40

Class 12 (PCME) | Sharada Pre-University College, Mangalore
2014-2015
Percentage – 87.5%

Class 10 (CBSE) | Sharada Vidyalaya
2012-2013
CGPA – 9

TECHNICAL SKILLS

Programming Language : C, Python, Arduino
Hardware Description Language : Verilog, VHDL
Web Technology : HTML, CSS
Software : Matlab, Keil uVison, Multisim, Solid Edge, Eagle
MS Package : MS Office
Operating System : Windows, LINUX

INTERNSHIPS

- Company : D&D Smartlabs, Mangalore
Duration : July 15,2018 to Jan 30,2019
Position : Worked as an intern on to real time project named "Self Choreographed Musical Fountain" and "Smart Print". I mainly worked on the electronics and coding part of the prototypes.
- Company : Trinix Technologies, Mangalore
Duration : January 6,2018 to January 20,2018
Course : Worked as an intern in Responsive Website Development. Developed my own website using HTML and CSS.

PROJECTS

- AUTOMATED ROAD SURVEY
An autonomous UAV is built for road surveying, to eliminate the use of manual labour for the road surveying process. This project uses image processing for guiding the UAV.
- SMART PRINT
This projects helps to print file by just uploading the files to the cloud and printing them in the print station.
- VECTOR
RC-Car is developed using NodeMcu. Car has four movements, which is controlled through mobile application over the internet.

CO-CIRRICULAR ACTIVITIES

- Conducted a peer learning session for juniors on "IOT & ARDUINO".
- Volunteered for a two day workshop for Arduino, during engineering.
- Secured third place in "MRPL-Sahyadri Inter professional Collegiate Debate Competiton-2018".
- Secured second place in DEBATE, "Women in Engineering", IEEE student branch, SJEC.
- Secured third place in "MRPL-Sahyadri Inter professional Collegiate Debate Competiton-2017".
- Received consolation prize in DEBATE, 'THE-HINDU' newspaper, Alva's Education Institute, March 2017.
- Student Coordinator for the college fest-2019.
- Class representative for one year-2018.

PERSONAL DETAILS

- DOB : November 15,1997
Languages : English (S/R/W)
Hindi (S/R/W)
Kannada (S/R)
Urdu (S/R)
Address : Flat-301, 4th Floor, Zainab Apartment, Sturrock cross road, Falnir, Mangalore-575001
Hobbies : Drawing, Robotics, Football