

# YASH HEREKAR

C.T.S 10919 1ST MAIN 2ND CROSS, SADASHIV NAGAR, BELAGAVI  
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## EDUCATION

KLS GOGTE INSTITUTE OF TECHNOLOGY		<b>7.91 (CGPA)</b>	(2020 ONGOING)
K.L.E. SOCIETY'S RAJA LAKHAMAGOUDA INSTITUTE (12 <sup>th</sup> )		<b>86.67%</b>	(2019 - 2020)
K.L.E. INDEPENDENT PRE UNIVERSITY COLLEGE	(11 <sup>th</sup> )	<b>85%</b>	(2018 - 2019)
ST. PAULS HIGH SCHOOL	(1 <sup>st</sup> - 10 <sup>th</sup> )	<b>88.16%</b>	(2006 - 2018)

## PROJECTS

### CREATOR - BTS7960 MOTOR DRIVER LIBRARY - [link](#)

Developed an Arduino library for the BTS7960 motor driver.

### HOST DISCOVERY - [link](#)

Scanned the whole GIT campus network and curated a list of all open ports and vulnerable services on the network.

### ROBOTICS - [link](#)

Developed an embedded finite state machine which controls a four wheel robot via S-BUS  
Programmed in C++ and implemented object oriented paradigm

## SKILLS

**PROGRAMMING LANGUAGES** - C, C++, JAVA, HTML, CSS, MYSQL.

**TECHNICAL SKILLS** - Linux, Git, Arduino, Fusion360, Final Cut Pro, Embedded systems

## ACTIVITIES AND AWARDS

• Technoxian World robotics championship	(Delhi)	(2022)
• Developthon '22 36 hours hackathon	(Hubli)	(2022)
• 1st place - Vaividhyam Project Symposium		(2022)
• Project Shiksha	(ACE-CSI)	(2021)
• Virya - orphanage visit	(Rotaract club)	(2021)
• Automation players	(ASME)	(2021)
• The Amateur Scientist	(Bangalore)	(2018)
• Bronze medal - Indian Science And Regional Fair		(2017)
• NCC 26 Karnataka Battalion - CATC		(2016)

## CLUBS

CSI (Vice Chairman), ACE (Technical committee), Rotaract club.

## HOBBIES

Linux enthusiast, electronics and embedded systems, Robotics.

## LINKS

[Github](#)

[Instagram](#)