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Aakarsh Singh Saini

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akss13.github.io

EDUCATION

SRM UNIVERSITY
B.Tech in Information Technology
Agg. percentage - 87%
(Till Semester 5)
Expected May 2021 | Chennai, IN

RYAN INTERNATIONAL SCHOOL
CBSE 12th - 75%
May 2017 | Jaipur, IN
CBSE 10th - 90%
May 2015 | Jaipur, IN

LINKS

Github:// **akss13**
LinkedIn:// **Aakarsh Saini**

SKILLS

PROGRAMMING
Proficient:
C & C++ • Shell/Bash • Arduino Cmake
Familiar:
Python • Javascript • Java • SQL Web Design • Latex • PHP

TECHNOLOGIES
Git • DigitalOcean • Linux/Unix GCP

INTERESTS

- Scripting
- Internet of things
- Networking
- System administration
- Network security

PERSONAL DETAILS

Date of birth
5th December, 1998
Languages
English • Hindi • Punjabi
Hobbies
Skating • Competitive programming
Binge watching shows

EXPERIENCE

YOUR COOL ADVISOR | Intern
1st June 2019 - 20th June 2019

- Development of embedded application in wireless communication.
- Created smart advertisement billboard using raspberry-pi.

SRM TEAM ROBOCON | Embedded programmer
May 2017 - May 2019

- Developed autonomous robots to compete in ABU ROBOCON 2018.
- The autonomous robot was able to navigate autonomously through an obstacle path and do certain tasks.

SRM TEAM WRO | Network programmer
May 2018 - May 2019

- Stood 3rd in WRO-ARC 2018 competition.
- Created the network framework for autonomous robots.
- Utilised I2C, Serial, CAN, SPI buses to create network framework.

PROJECTS

MULTI-CLIPBOARD | Keyboard driven multiple clipboards
github.com/akss13/Multi-Clipboard
Multi-Clipboard enables keyboard driven multiple clipboards. A dirty hack to have multiple clipboards for copy-pasting muliple text based information.

RASPBERRY-PI OPENVPN-REPEATER | Repeat unrestricted internet thorugh raspberrypi
github.com/akss13/Raspberrypi_openvpn_repeater
Uses raspberry-pi as intermediate device for repeating unrestricted internet while having openvpn server on any cloud service provider.

MOOCS

Google Cloud Platform Fundamentals: Core Infrastructure
by Google Cloud
Discrete Optimization
by The University of Melbourne
Building Web Applications in PHP
by University of Michigan
Programming in C++
by IIT Kharagpur

AWARDS AND PARTICIPATION

2019	Winner	Arduino-day Code-quest 2019
2019	Final round	IET Hackathon 2019
2019	2/20	Elek-a-thon 2019
2018	Round 3	ABU ROBOCON 2018
2018	3/50	WRO-ARC 2018
2018	2/20	Elek-a-thon 2018