RUSHIKESH S KULKARNI

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EDUCATIONAL QUALIFICATIONS

2020	Master's in information sciences and Technology at Rochester Institute of Technology (Expected Graduation Year: 2020)	--
2018	Bachelor of Engineering (Electronics) from Vidyalankar Institute of Technology, Mumbai	8.50/10
2014	Sathaye College, Vile Parle, Mumbai, HSC Board (Stream: Science)	84.93 %
2012	Parle Tilak Vidyalaya, Vile Parle, Mumbai, SSC Board	92.00 %

TECHNICAL SKILLS

Languages	C, Java, Assembly Level Language, Python, HTML, CSS
Database	MySQL
Platforms	Windows XP, Windows 10, Windows 7, Windows 8, Ubuntu, MacOS

PROJECTS

2017-18 **Project Title: Smart Supermarket**

Project Objective: Smart trolleys will be developed with the aim of improving the functionality of existing supermarket. Thus, making them more customers friendly.

Project Brief: A system will be provided so that users are able to add or remove items to the cart with ease. The trolley will generate the bill through an inbuilt mechanism for the customer at the end of his/her shopping to avoid long queue at billing counters.

2016-17 **Project Title: CNC Plotter**

Project Objective: To increase industrial production where removal and fabrication of metals are involved without direct human assistance and increased accuracy.

Project Brief: In this project, we have designed a low cost three axis Mini CNC Plotter using stepper motor, Arduino microcontroller, and motor control software. The CNC plotter thus created is of small or medium size and an open structure.

Project Title: 0-30V Stabilized Power Supply

Project Objective: Constructing a high-quality power supply with a continuously variable stabilized output adjustable at any value between 0 and 30V DC.

Project Brief: We constructed a high-quality power supply with a variable stabilized output adjustable at any value between 0 and 30V DC. There is also a visual indication that the current limiter is in operation so that you can see at a glance that the circuit is exceeding or not, its preset limits, when limit of any parameter exceeded, LED indicator blinks.

ACHIEVEMENTS

- Published a paper in International Research Journal of Engineering and Technology (IRJET) in August 2017: Conscience: A solution for pollution control Link
- Sem 6, 3rd in Department, MITM subject topper
- Sem 4, Microprocessors subject topper
- Secured Maharashtra state scholarship in 7th standard
- Silver medalist in Homi Bhabha Junior Scientist Competition in 6th standard.

CO-CURRICULAR ACTIVITIES

- Participated in Mini Project Competition 2016-2017
- Transform Maharashtra 2017 competition. Certificate by Chief Minister of Maharashtra.
- Attended IOT workshop by IIT Bombay October 2016
- Attended Juniper Networks Workshop 2016

INTERNSHIP

- Internship in Station Satcom Summer 2016 - I was given an assignment of understanding the problems faced by the customers and how to improve and provide the accurate solutions to resolve them.

EXTRA CURRICULAR ACTIVITIES

- Core Member of Technical team for EESA (Electronics Engineering Students Association) committee
- Volunteered for Creative Department for Annual Fest at college
- Member of Student Council in publicity