

Saurav Dagar

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15/02/1998

Indian

sauravdagar93@gmail.com

9654949706

<https://www.linkedin.com/in/sauravdagar>

PROFILE

An enthusiastic fresher with high motivation and leadership skills, having Bachelor's Honours Degree in Electronic Science, pursuing a Post-Graduate in Informatics and Communication and other professional certifications, who wants to be a part of challenging, innovative, and creative organization, which can help to enhance my knowledge by giving me a real time work experience. With my abilities and skills, I aspire to contribute to the organization at my level best and be an integral part of the organization for the symbolic growth of the organization and self.

UGC NET QUALIFIER

Qualified **National Eligibility Test (NET) - 2019**

WORK EXPERIENCE

FYI (For Your Information)

Graphic Designer

Official Magazine of IIC, University of Delhi, South Campus.

ENVISAGE

Event Organiser

Annual Tech Fest of IIC, UDSC

AAVRITI

Coordinator

Electronic Science Society of SGTB Khalsa College, University of Delhi.

Alumni Cell

Member

Official Cell for organizing all Alumni related Events of IIC.

EDUCATION

Science

Rajkiya Pratibha Vikas Vidyalaya, Delhi, India

CBSE Board

10th passed in May, 2013 scoring 9.6 C.G.P.A.

12th passed in May, 2015 with PCMB, scoring 90%.

EDUCATION

B.Sc(H) Electronic Science 07/2015 – 05/2018

Sri Guru Tegh Bahadur College, University of Delhi, Delhi, India

B.Sc(H) Electronic Science passed in June, 2018 scoring

8.33 C..G.P.A.

M.Sc Informatics

07/2018 – present

Institute of Informatics and Communication, University of Delhi, Delhi, India

SKILLS

Programming Languages

C

C++

Java

Python

Matlab and Simulink

Solidity

HTML

Bash

Scilab

Software and Hardware Skills

Blockchain Developer

DBMS

Arduino

PCB Designing

VHDL (VHSIC Hardware

Description Language)

QUCS (Quite Universal

Circuit Simulator)

MULTISIM

Electronic Circuits

CERTIFICATES

Matlab

DUCAT

Introduction to Python Programming

Udemy

Getting started with Java

Udemy

Blockchain Overview: Business Foundations

Blockchain Training Alliance

CERTIFICATES

Blockchain for Beginners

Udemy

IBM Blockchain Essentials

IBM

Linux Commands

Udemy

Python Getting Started

Pluralsight

Python: The Big Picture

Pluralsight

Git Fundamentals

Pluralsight

Python 101 for Data Science

IBM

Introduction to Data Science

IBM

ADDITIONAL COURSES

Blockchain Basics

Coursera

University of Buffalo, New York

Smart Contracts

Coursera

University of Buffalo, New York

Getting Started with Python

Coursera

University of Michigan

Python Basics

Coursera

University of Michigan

Python Data Structures

Coursera

University of Michigan

Introduction to programming with Matlab

Coursera

Vanderbilt University

Java for android

Coursera

Vanderbilt University

The Arduino platform and C programming

Coursera

University of California

Interfacing with the Arduino

Coursera

University of California, Irvine

ADDITIONAL COURSES

The Complete Graphic Design Theory for

Beginners

Udemy

Complete Python Programming

Udemy

Blockchain: Understanding its Uses and

Implications

Edx

By Linux Foundation

INTERNSHIP

Central Electronics Limited

Sahibabad, Ghaziabad, Uttar Pradesh

Here, I worked basically with Microwave Electronics Division on Phase Control Module. Also learnt about the working of various divisions like Solar Photovoltaic Division, System Production Division.

Industrial Training on SCADA (Supervisory Control and Data Acquisition in Indian Railways), Traction Distribution Organization under Senior Divisional Electric Engineer (TRD), Northern Railway.

New Delhi

Basically, I learnt how the transfer of data between a SCADA host computer and a number of Remote terminal units (RTUs) and operate terminals.

★ PROJECTS

Banking Web Application based on Ethereum Blockchain

Voting DApp based on Ethereum Blockchain

Designing of a Wheel Tester for Motor characterisation and an investigation of Power Regeneration

In this project we have designed the prototype called a "Wheel Tester" and can understand the behavior of any DC Motor behavior and find various graphs. By extensive this knowledge prove imperative in our approach to manufacturing of an E-Bike.

We put forward a prototype that may prove helpful in the industry with a mechanically relevant and economically effective approach.

Other Projects

Work on image processing using MATLAB.

Tracking White line by Robot using microcontroller ATmega2560.

Design applications like Scientific Calculator and a basic Image Editor.

★ PROJECTS

Design a GUI for a virtual ATM.

🏆 ACHIEVEMENTS

- Participated and won award All India Master Mathematics Olympiads, 2012.
- Participated in Cyber Security College Workshop by AIWEFA, 2015.
- Participated in Makeathon and qualified to the finals 2018 (Our project was Smart Water Management using micro-controller).
- Participated in All India Master Mathematics Olympiad, 2010.
- Active Participation in "AAVRITII" - The Electronics society of S.G.T.B. Khalsa College in various events

✓ STRENGTHS

Leadership

Team oriented

Dedicated and Hardworking

Computer Skills

Hardware Skills

Courage

Comprehensive problem solving ability

Creative and Innovative

🪐 HOBBIES



Cricket



Reading
Newspaper



Feeling the
music



Gaming



Movies and TV
Series



Capturing
moments



Badminton,
Table Tennis,
Snooker, etc.



LANGUAGES

- English
- Hindi