

Tanya

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Technical Skills

Programming languages: C++, C, Java

Operating System: Windows

Software Packages: MATLAB, TSPICE, Microsoft Office

Hardware Description Languages: 8085 Programming

Internships

INTERNSHALA Java app development (MAY-2020 - JUNE 2020)

- The task was to make two applications one was temperature converter tool and the other one was connect-4 game.
- Temperature converter app is a tool which converts the given temperature from Celsius to Fahrenheit and vice-versa. Connect-4 is game application in which 2 players are required. The player which makes the combination of four first wins.

Training in Java (JUNE-2019-JULY-2019)

- Study of concepts of OOPS and the basics of java.
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Education

Jaypee Institute of Information Technology

2017 - Expected July 2021, UP, INDIA

B. Tech, Electronics and Communication Engineering, CGPA: 7.5

Somerville school

2017, UP, INDIA

Senior School Certificate (CBSE), Percentage: 93.6

Somerville school

2015, UP, INDIA

Senior School Certificate (CBSE), CGPA:9.8

Projects

CIGS solar cell

August 2019 - November 2019

ADVISOR: Dr. Ajay Kumar

→The task was to stimulate a CIGS solar cell. To be able to increase the efficiency some novel changes were made on the structure and so the efficiency successfully reached up to 23.6%.

Perovskite heterojunction solar cell

January 2020 - June2020

ADVISOR: Dr. Ajay Kumar

→The task was to stimulate a thin film solar cell using perovskite with highest efficiency. Efficiency of the solar cell was successfully increased to 15% from a very low value.

Volunteer Work

- Social work at Smile Foundation
- Fundraising Volunteer at Global Cancer Concern India
- Social service at a blood donation camp.