Kshitij Kr. Sharma

Listener, Lerner & Doer

AI, ML, DL & Data science enthusiast

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EDUCATION

Bachelor of Technology in Computer Science and Engineering
Kalinga Institute of Industrial Technology
06/2019 - Present   *CGPA: 9.24/10*

Intermediate of Science
Kendriya Vidyalaya No-II Kharagpur
05/2018 - 05/2019   *Percentage: 95.4%*

Matriculation
Kendriya Vidyalaya No-II Kharagpur
06/2016 - 06/2017   *CGPA: 10/10*

PROJECTS

Aryabhatt expedition-(A IoT & VR based toy)
(01/2021 - Present)
- Selected for grand finale in TOYCATHON 2021

Light Tracking Solar Cell (01/2021 - 03/2021)
- Technology Stack: IoT, Data Analytics (Personal Project)

Official website for ATL (12/2020 - 04/2021)
- Technology stack: HTML, CSS, JS (Funded Project)

Quadcopter (05/2019 - 06/2019)
- Bagged 1st position in Tinkerfest 2019 at Atal Tinkering Lab Kaharagpur (Personal Project, Funded Project)
- Technology Stack: Networking, IoT, PID

Smart Switching System (08/2017 - 01/2018)
- Technology Stack: Remote sensing and control (Personal Project, Funded Project)

EXPERIENCE/ INTERNSHIP

Industrial Training in Cybersecurity
Indian School of Ethical Hacking
05/2021 - 06/2021
Achievements/Tasks
- Secured O+ grade
- Vulnerability analysis, Penetration Testing, Privilege escalation
- System exploitation, Web and Network based attacks

Mentor
Atal Tinkering Lab, Kharagpur
05/2019 - Present   *Kharagpur (W.B.)*
Govt. organization associated with Kendriya Vidyalaya No-II Kharagpur.
Achievements/Tasks
- Project Manager, Developer
- Teaching/ Training
- 3D Printing and Model designing

SKILLS

C | C++ | Java | Python | Matlab | HTML
CSS | Arduino | DBMS | SQL | PLSQL
MongoDB | Shell Script | Data Security | Hacking
IoT | Web Design | Big Data | ML | Networking
Data Structure | Linux | Project Management

ACHIEVEMENTS

Bagged 2nd position in school and among top five in state in Intermediate exam (05/2018 - 05/2019)
CBSE, Senior School Certification Examination, 2019

Bagged 3rd position in Regional Level Science Exhibition (01/2018 - 01/2018)
45th Jawaharlal Nehru Regional Level Science, Mathematics & Environment Exhibition for Children 2018, KVS Kolkata Region, Project: Smart Switching System

Scored 10 CGPA in Matriculation: Kendriya Vidyalaya No-II Kharagpur (06/2016 - 06/2017)
CBSE, Secondary School Examination, 2017

Bagged 1st position in Regional level Athletics (100 meter hurdle race) (03/2015 - 03/2016)
Regional Sports Meet, KVS Kolkata Region

ACTIVITIES/VOLUNTEER EXPERIENCE

AI with Machine Learning Workshop (attendee) (09/2019 - 09/2019)
WAC workshop series, IIT Kharagpur

Arduino Workshop (attendee) (01/2018 - 01/2018)
Sprint Fest 2018, IIT Kharagpur

Member Bharat Scout and Guides (03/2013 - 05/2019)
Conducted Cleanliness Awareness Programs, attended training camps

CERTIFICATES

Introduction to Cyber Attacks (05/2020 - 06/2020)
An online non-credit course authorized by New York University and offered through Coursera

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Reading books | Stock market analysis | Designing 3D models | Athletics