



NIDHI JHA

Professional Goals

To be able to work in a highly organized environment and contribute my expertise and knowledge in Electronics field . Works in different segments of communication industry and has keen interest in research, design and development

Contact Information

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Hackerrank:

hackerrank.com/Jha_nidhi444

Specializations

- Satellite Communications
- Radar System
- Web Development
- Machine Learning
- Matlab programming
- Data science
- Embedded System
- VLSI and VHDL
- Arduino uno

TECHNICAL SKILLS

- Programming Language: C, JAVA, Python
- Hardware Description Language: verilog, VHDL
- Tools and Framework: Matlab, Xilinx ISE, SQL
- Hardware Platforms: Arduino , microprocessor 8085
- Platforms: Linux , Windows

PUBLICATIONS

- URJA-"Solar Energy Rich India" in field of agriculture and electric energy generation.- National Seminar On Pragmatic Role Of Technological Innovation In Start Up (NPTIS 2020)

Work Experience

- Secretary of TECHNICAL CLUB (TCEC) of Bit Mesra, Patna
- Organizing head of CIRCUIT DESIGNING on MULTISIM workshop (2019) in TCEC
- Accounts head of NAVUMEED(NGO) and organised many events as 1. Successfully conducted fund raiser drive(RAFFLES 2019 &2020) for supporting underprivileged students
- A Medical health camp organised where free medical aid and medicines were availed to people (NMCH)
- Coordinator and Anchoring head of Athletic meet 2020
- coordinator of Technika 2019
- A content writer associated with clubs and organisations who bends one's imagination and creativity in writing.

Academic History

Birla Institute of Technology Mesra (2018-22)

Electronics and Communication Engineering (7.5/10)CGPA

- Winner of Astro physicist at(BIT PATNA TECHNICAL EVENT2019)
- Winner of debate competition (inter school competition)
- Runner ups in annual Athletic meet of Bihar in 2019(PRAKRIDA)in BASKETBALL
- Got selected for IIRS (ISRO RESEARCH OUTSTAND LEARNING) program for remote ans satellite sensing
- Got awarded as the " Most Promising Star " in NAVUMEED 2020

St.Joseph's Convent High School, Patna, Bihar(ICSE board)(2017)
High school

- Secured 90% .
- Exceptional Performer (in FIITJEE talent search program 2015)

Scholar's Abode High School, Patna
Secondary school

PROJECTS

- Printed circuit board project : designing clap switches for led
- Cyber security system: development of security system using light detector device
- Arduino uno AT mega 328p radar project: the working of the system is that it has to detect objects undefined range and the sensor attached to servo motor gives visual representation on the software processing IDE
- Reinforced learning (suraksha app): development of mobile app which uses toolkit like flutter ,maps API ,firebase, cloud and Neural model and even SMS location system and make people aware
- the surrounding they are traveling and help them in fetching all possible help available around area and ensures the safety of public especially women