TANMAY SHARMA

Under Graduate Student
IIIT, Gwalior

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EXPERIENCE

Website Developer

Abhigyan Abhikaushalam Students' Forum

📅 August 2018 – May 2019   📍 Gwalior, India

- Implemented new standalone pages for the various events conducted round the year
- Built dynamic frontend pages for the forum's website
- Worked on the maintenance of the website
- Technologies Used: HTML5, CSS, Javascript

PROJECTS

Utility Robot to Combat Fire Breakout
Mentors: Prof. Joydip Dhar, Prof. Ritu Tiwari

📅 June 2019 - August 2019

- Developed a mobile robot which is able to extinguish fire independently with the help of IR sensors attached to it
- The robot could be controlled using a web application through HTTP requests and it performs live video streaming which has been implemented using NodeMCU and other IoT components.
- Built the frontend webpage compatible with ArduinoIDE
- Technologies used: ArduinoIDE, HTML, CSS, IoT, OpenCV

Online Weather Station

📅 March 2019 - April 2019

- Developed a web-application to display temperature, humidity and pressure trends over the week
- Integrated a widget which uses Google's Geo-location API to show map and satellite view of the city
- Technologies used: ReactJS, ReduxJS

Face Recognition Web App

📅 December 2018 - February 2019

- Developed a web application for face detection in an image using the Clarifai Web API
- Developed a login page for users to access their profiles
- Technologies used: ReactJS, NodeJS, MongoDB

ACHIEVEMENTS

- Runner up in Junior Programming Contest at IIIT Gwalior
- Contestant in Panel Discussion organised by MHRD
- Winner in Jest A Minute (Oratory Event) at IIIT Gwalior
- 3rd Rank in National Level Competition of Master Mind Abacus

EDUCATION

Indian Institute of Information Technology, Gwalior(India)

Bachelor of Technology in Computer Science
CGPA 7.90/10.0

📅 2017 – Expected 2021

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St. Anselm's North City School, Jaipur

CBSE Board (XII)
Percentage : 89.6%

📅 Grad. 2016

CBSE Board (X)
CGPA 9.4/10.0

📅 2014

SKILL SET

- Data Structures and Algorithms
- Object Oriented Programming, C++, C, OpenMP
- Javascript, Node.JS, React.JS, Redux.JS
- MySQL, MongoDB, Git, Linux
- HTML, CSS, Express.JS,
- Arduino IDE, Photoshop

POSITIONS HELD

- **Abhigyan Abhikaushalam Students' Forum, IIIT Gwalior(India)**
  - External Affairs Club Head (August 2019 - present)
  - Technical Sessions Coordinator (August 2018 - May 2019)
- **Instructor** at inter and intra institute technical sessions.
- **Graphic Designer,** Abhishar-v8.0, Annual magazine of the Institute
- **Event Management Team,** Infotsav IIITM Gwalior
- **Promotions Head,** MOM 2k18, IIIT Gwalior
- **Sponsorship Executive,** Aurora'18,IIIT Gwalior