Hardik Bhardwaj

sharmahardik009@gmail.com | 8532865090

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
B.Tech in CSE
CGPA 7.2/10
Expected June 21 | Noida, India

CJDAV PUBLIC SCHOOL
Higher Secondary Examination
73% | Grad. March 2016
Meerut | Uttar Pradesh

CJDAV PUBLIC SCHOOL
Secondary Examination
CGPA 10 | Grad. March 2014
Meerut | Uttar Pradesh

LINKS

Facebook:// **Hardikb09**
LinkedIn:// **hardikbhardwaj**
Twitter:// **@Hard_ich**

COURSEWORK

UNDERGRADUATE
Fuzzy Logic Neural Networks
Operating Systems
Artificial Intelligence
Data Structures in C++
Database Systems and Web
Computer Networks
Computer Organisation Architecture

SKILLS

PROGRAMMING
Experienced:
C++ • C • Python
Inermediate:
Javascript • MySQL
Familiar:
HTML • PHP • Latex

LANGUAGES

• English
• Hindi
• Punjabi

PROJECTS

AUTOMATIC HELMET DETECTION AND LICENSE PLATE RECOGNITION   July 2019 – Dec 2019
•Reduced Manual Labour to Detect Traffic Violators
Tools and Technologies used are:
•Object Detection using **YOLO**
•Relevant Frame selection using **Heuristics**
•Helmet Classification using **CNN**
•License Plate Recognition using **API**

TARANG - SERVING HUMANITY | July 2018 – Dec 2018
•Created a website of an NGO
•Tools and Technologies used are **PHP** for linking frontend and backend, **HTML and CSS** for frontend
•Better understanding of **Normalisation**

CHOCOLATE DISTRIBUTOR | July 2018 – Dec 2018
•Implemented a distributor friendly interface for simplified delivery of goods to retailers with minimum operational cost.
•Implemented Graph algorithms like **Djikstra's** and **Minimum Spanning Tree**

CARTES DE CHANCE | Jan 2018 – May 2018
•Simulated Card Games **Peek-a-Boo** and **Blind Throw**
•Using different data structures like **Queue** using **Linked List** and **Arrays**

BASIC COMPUTER SIMULATOR | July 2018 – Dec 2018
•Implemented an 8086 like Simulator
•Understood basic Arihmetic Instructions using Registers

PUBLICATIONS

[1] U. Gupta, Y. Tripathi, H. Bhardwaj, S. Goel, A. Kaur and P. Kumar, "Energy-Efficient Model for Deployment of Sensor Nodes in IoT based System," 2019 Twelfth International Conference on Contemporary Computing (IC3), Noida, India, 2019, pp. 1-5, doi: 10.1109/IC3.2019.8844916.
IEEExplore Link

POSITION OF RESPONSIBILITIES

LIGHT DE LITERACY (NGO) | Financial Head
July 2019 - July 2020 | JIIT, NOIDA
• Responsible for flows of funds and monetary transactions for the welfare of the underprivileged children education

LIGHT DE LITERACY (NGO) | Volunteer
January 2018 - July 2019 | JIIT, NOIDA
• Served as Instructor at nearby slums for underprivileged children empowerment

ONLINE COURSES

Algorithm Toolbox | Coursera
Competitive Programming Contest Problems | Coding Blocks
Learning How to Learn | Coursera