SONALI MAHAJAN

To work in a highly professional organization where I see myself utilizing my talents and qualification to the needs and culture of the organization and thus see myself delivering the best of the services in accordance to the organization goals and objectives.

CONTACT INFORMATION

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TECHNICAL SKILLS

Languages/Markup and Scripts: C, C++, HTML 5, CSS.
Database: MySQL.
Frameworks And Libraries: CISCO PACKET TRACER, Open CV, Django, Github.

PERSONAL SKILLS

Teamwork
Innovation
Creativity
Open-mindedness
Problem solving
Improving

LANGUAGES

English
Hindi
Punjabi

OPERATING SYSTEM

Windows
LINUX

INTEREST AND HOBBIES

Competetive Coding
TV Series
Listening Music

EDUCATION

NITK Surathkal , Surathkal , Mangalore, India
Aug 2017 – Apr 2020
MCA (Master of Computer Applications) with a CGPA of 8.1 (till 5th Semester)

S.L Bawa D.A.V College, Batala, Punjab
Jun 2013 – Jun 2016
BCA (Bachelor of Computer Applications) with 75%

Govt Girls Sr. Sec. School Batala
Jun 2011 – Mar 2013
84.1% in SSC Board Examination.

RD Khosla DAV Model Sr Sec School, Batala (CBSE)
Till 2011
8.0 CGPA in HSC Board Examination

SELECTED PROJECTS

All the projects are available on Git - https://github.com/sonalimahajan12
Image Recognition and Detection
8/2018-9/2018
I've used python, Opencv and numpy in this. It recognizes as well as detect images. Haar-Cascade Classifier is used for image detection/recognition or separate data set as well as training model is made.

Network Topology between Main office and its branches
3/2019-4/2019
Main Office and its two Sub-Branches topology
A mini-computer-network project where network was established between the main office and its sub-branches which were located at some geographical area , consisting of two branches.

Crawling Robot with Reinforcement learning
09/2019-11/2019
It is a Reinforcement Learning Project in which Model-free Learning is used with the help of Q-Learning technique. In that Simulated Environment the object tries to moves in a direction and when it found any obstacle it gets stop.

ACHIEVEMENTS

- Won Appreciation Award by standing 1st in district in 5 semesters out 0f 6 semesters in BCA.
- 4th in Guru Nanak Dev Universityin BCA.
- Got 1st prize in Presentation technical event in BCA.
- Participated in Athena Women's Hackathon held in NITK.
- Participated in Hacktoberfest 2018/2019.

EXTRA CURRICULAR ACTIVITIES

- Internship Coordinator at Department of MCA, NITK Surathkal.
- Udgam MCA Internal Fest Debugging organizer.
- Participated in Debate competitions in BCA.
- Member of Ignite'17 and Ignite'18 in NITK (Technical Fest of MCA).
- Member of Daatri club, a cancer awareness club in NITK during Engine'er fest 2018.