

Sarita Agarwal

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OBJECTIVE

College undergraduate seeking job in the field of computer science in a stable and dynamic workplace, where I can contribute with, and implement new ideas for growth of the organisation and my skills as well.

EDUCATION

B.Tech in Electronics and Communication Engineering

-IIIT, Una (HP)
2016- Present
-CGPA 7.05

Class XII (secured 92%)

-Vikas Bal Niketan Sr. Sec. School, Jaipur, Rajasthan
Year of passing: 2015

Class X (secured 91%)

-Vikas Bal Niketan Sr. Sec. School, Jaipur, Rajasthan
Year of passing: 2013

EXPERIENCE

• Backend Web Development Internship

- Vector Mantra (May'19 - July'19)
- Created an advertisement website from scratch, where I learnt the usage of Django and improved on my skills of python as an Object Oriented Language. I developed graphics and visuals for the website's frontend using wix and Adobe Photoshop. I developed various features on the website which required me to learn query sets, jquery.
 - Learnt the SEO improvement techniques and implemented them on a website 'vectormantra.com'.

PROJECT

• Twi-Spider

Created a Twitter friends database of a person's friends, and so on using Twitter API and URLlib.

• Car Racing Game

A car racing game with obstacles made using PyGame. Graphics developed on Photoshop.
Working to incorporate voice commands in it.

• English Pronunciation Correction Game

Pronunciation correction game with GUI made using PyQt which takes in voice input of the pronunciation of words from the user and compares it with the correct pronunciation of the word. User is then given points if the pronunciation is correct. After gaining some points, the user then is taken to the next level.

• Vehicle Speed Detector

A system by which the speed of the vehicle is detected in real-time using OpenCV and kalman-filter.

COURSES

- Python for Everybody by University Of Michigan On Coursera (Online course)
- Data Structures
- Object Oriented Paradigm
- Spice

TECHNICAL SKILLS

Languages

Proficiency in Python
C++
MATLAB

Tools and Technologies

Django
OpenCV
PyQt, PyGame
DevC++
Tanner EDA

Web Development

HTML

Other Softwares

CorelDraw
Adobe Illustrator
Adobe Photoshop
Adobe Lightroom

SOFT SKILLS

- Adaptability
- Leadership
- Good decision making
- Ability to work even in deadline driven environment

CLUBS AND ACTIVITIES

• Graphic Designing (PIXONOIDS)

As a member of Team Pixonoids, I work on poster/flex designing for promoting various cultural and technical events in the college.

• Executive Member of Electronics Society (AAVESH)

A society which promotes electronics culture in college and organises various workshops & hackathons of electronics.

WORKSHOP

- 'Ethical Hacking' organised by i3indya technologies.
- 'Linux Installation' organised by GLUG-NITH.