

SANCHIT GUPTA

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CAREER OBJECTIVE

To obtain professional and technical excellence through sincerity and hard work in professional and caring organization that provides a promising career progression.

ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	%/CGPA
B.E.(Instrumentation And Control)	2013 - 2017	NSIT, University of Delhi	72.8%
Class XII	2013	Vivekanand School, Delhi, CBSE board	91.8%
Class X	2011	Vivekanand School, Delhi, CBSE board	10

TECHNICAL SKILLS

- **Programming Skills:** C, C++, Concept of OOPS, Fundamentals of Data Structure and Algorithms, Computer Graphics using C, Python, Matlab.
- **Circuit Simulation Tool:** orCAD Pspice simulation tool, Simulink (MathWorks), Eagle PCB Design tool.
- **Office productivity Software:** Microsoft Office Suite (Excel, PowerPoint and Word).
- Arduino Basics, Programming in Arduino IDE.

PROJECT DETAILS

- **C-Computer graphics:** Flappy Bird(Game), Atari breakout (Brick game).
- **Python:**
 - **Tic-tac-toe game** with **speech recognition** using Google speech recognition API and pygame .
 - **Gesture controls** for a motorcycle flash game using **Open CV API** and NumPy .
 - A python script to play 'beep' sound when laptop battery gets fully charged to remind to unplug the charger.
 - **File Segregator** that segregates files in a folder according to their file formats (Image, Audio, Documents, etc).
 - **Codechef Scrapper** that scraps all the right answers submitted by a given user on Codechef.
- A chat over LAN software using visual basic form application that establishes a point to point connection between two computers over LAN, enabling them to chat with each other.

UNDERGRAD INTERNSHIPS

Implant Training at:

(June'15 - July'15)

- **Gas Power Plant in National training Power Corporation(NTPC), Faridabad, India:**
 - Studied the basic working of the plant, roles of different transducers used in the plant etc.