

Jay Kumar Singh

Computer Science UnderGrad@NSUT

I'm a computer science student, currently pursuing my Bachelor's degree. I love problem-solving and implementing it in real-world scenarios.



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New-Delhi, India 📍

linkedin.com/in/jay-singh-479161155 in

EDUCATION

B.Eng in Computer Engineering

Netaji Subhas University of Technology, Delhi
(Formerly NSIT, Delhi)

08/2017 - Ongoing

CGPA : 7.09

CLASS 12 CBSE

Delhi Public School - Kuwait

06/2016 - 06/2017

Percentage : 92.2%

CLASS 10 CBSE

Delhi Public School- Kuwait

06/2014 - 06/2015

GPA : 10.0

PERSONAL/INTERNSHIP PROJECTS

NReAL Function (05/2020 - 05/2020)

- Created a Noise Removal Algorithm using Log MMSE method to remove noise in voice samples in real time

Gender Recognition from Voice (05/2020 - 05/2020)

- Gender recognition from voice of the person. Used the fundamental frequency method along with the Mel Frequency Cepstrum Coefficients (MFCC)

Database Automation (05/2019 - 07/2019)

- Wrote scripts to automate the updating of the company database an internship project. (KUFPEC)

R-t D2 (Real time Drowsiness Detection) (04/2020)

- A real-time drowsiness detection application for road safety, written in python. Works on a threshold model, EAR (Eye Aspect Ratio)

Stone Paper Scissor with Computer (07/2020)

- A spin off over the generic SPS game, where the player interacts with the computer through a real time video feed.

WORK EXPERIENCE

Software Engineer Intern

Kuwait Foreign Petroleum Exploration Company 🌐

05/2019 - 07/2019

Kuwait

Software Developer Intern

Brainium Information Technologies

05/2020 - 07/2020

India

Subject Matter Expert (Freelance)

Chegg Inc

01/2020 - 07/2020

India

SKILLS

C/C++

PYTHON 3.0

OPENCV

Computer Vision

Data Visualization

Neural Networks

POWER BI

Oracle Database

Communication

Problem Solving

Team Work

ACHIEVEMENTS

Awarded for Outstanding Performance @ KUFPEC
(05/2019 - 07/2019)

Recognized as an outstanding performer during the internship period @KUFPEC for accomplishing targets well before deadlines.

3 Address Code National Finalist (03/2019)

Reached the national finals of 3 Address Code, a competitive coding competition organized by Johnson & Johnson Co.

Association Of Indian Professionals (AIP) Kuwait-
Bronze Medalist (12/2017)

Bronze Medalist (92% in class 12)

National Representation (12/2016)

Represented Kuwait for 23rd National Science Congress, National Council for Science & Technology Communication, Department of Science & Technology, Government of India

Winner - Young Scientists 2017 - Students Research Program, Kuwait Children's Science Congress (11/2016)

Awarded by the Science International Forum - Kuwait & National Science Movement - India

Outstanding Academic Performance for 6 consecutive years (2011 - 2016)

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Playing Guitar

Reading

Badminton

Music

Piano