

# JASJYOT SINGH

**ADDRESS** 32, Venkiduswamy St, Erode-638001, Tamil Nadu, India.

**PHONE** (+91) 9760782624,  
(+91) 9080474667

**EMAIL** jasjyot98@gmail.com

**GITHUB** [Jasjyot](#)

**LINKEDIN** [jasjyot](#)

## KEY SKILLS

C++, Python, Django, CSS, HTML, Github, Data Structures, Algorithms

## PROJECTS

### Amazon Apparel Recommendation Engine (Jan 2018):

A recommendation engine which suggests similar products to the given product in any e-commerce websites. Used information of 1,80,000 Amazon products. Python; pandas; TF-IDF; bag of words; stop word removal.

### Password Security System (August 2017):

Securely verified and stored usernames and passwords using std hashing (SHA-2) and encryption techniques. C++; Data File Handling in C++.

### Image Recognition (2016):

Machine vision where system can recognise image of numbers ranging from 0-9. Trained the system with image datasets of 8x8 pixels. Python: Matplotlib; Pillow; NumPy.

## EDUCATION

**University of Petroleum and Energy Studies, Dehradun**  
B.Tech, Computer Science Engineering CGPA 3.34 / 4 2015 - May 2019

**Maharishi International Residential School, Chennai**  
Class 12th Percentage 91.0 % 2015

**The Indian Public School, Erode**  
Class 10th CGPA 10.0 / 10.0 2013

## WORK EXPERIENCE

**SDE Intern, CodingBlocks, New Delhi** June 2018 - present  
Built an e-commerce web application for goodies & merchandise store; Wrote python scripts to automate tasks.

**WebD Specialist - GOOGLE DEVELOPER STUDENT CLUB Community Service -Technical Speaker** March 2018 - present

Taught web development to my juniors: HTML, CSS, PHP; Organised multiple workshops for students of my college as a part of Google's teaching mission.

## ACHIEVEMENTS

### HACKATHONS WON

- **UPES Hackathon - #1st** Nov 2017  
Automated the attendance process of my college by facially recognising multiple faces in same frame. A web portal which displays student's attendance via account login. Python; MongoDB; OpenCV; HTML.
- **CSI Hackathon - #3rd** Feb 2018  
Developed a vote integrity engine that prevents vote tampering using blockchain logic. Python; Django; jinja templating; HTML.
- **Project Parliament - #1st** May 2018  
Developed a secure method to prevent question papers from being leaked and tampered using hashing and encryption techniques. C++

### GOOGLE CODE JAM 2017

Attempted during my 2nd year of study. Cleared qualifier round. International Rank: 10,044. Competitive programming; Data Structure; Algorithm.

**UNIVERSITY ACADEMIC STREAM TOPPER** 2015 - present  
Ranked #1st out of 80 students for having highest average CGPA 3.34/4.

### CERTIFICATION

**IRCA certified Lead Auditor-** Attended training and passed ISO 27001 : 2013 Information Security Management Systems Auditor Course Jan 2018

## ACTIVITIES / INTERESTS

- **Stock Trader:** Traded stocks for 1 year in National Stock Exchange & Bombay Stock Exchange. Applied Warren Buffet's principles while trading equities to gain profit percentage of 8%.
- **Dog Fancier:** Feed stray dogs of my locality on regular basis. Especially take good care of one of my favourite stray dog, Named him 'Honey'. Planned to adopt him after moving out of hostel.
- **Yoga:** Actively participated in multiple yoga camps organised by Swami Ramdev, a renowned yoga guru.
- **Fitness:** #2nd in swimming: free-style relay 4x25 mts, Enjoy running & going to gym.
- **Public speaking:** #2nd in State Level TNPL English Elocution. Won multiple prizes in speech, debate competitions during school days.