

JASKARAN SINGH

Software and Cyber Security enthusiast, Capable pupil & Proud Geek

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EXPERIENCE

Information Security Analyst Intern

Lucideus

May 2019 – Aug 2019 Delhi, India

- **Android Development**:- Developed TIMECARD application for monitoring service time, using Google Sheets API and Google App script for Back-end Functionality.
- **VAPT**:- Performed Security assesment on Various Android/Web Vulnerable applications.

Software Development Intern

SpiceJet

Dec 2018 – Jan 2019 Gurugram, India

- **Automation**:- Deployed a JAR file on a server that Scheduled a service to send mail at a particular time to all employees while fetching the data from the excel Sheet.
- Integrated a RESTful API (Connected to a remote database server) with login web portal using Spring Boot.

Research Intern

DRDO

Aug 2018-Apr 2019 Delhi, India

- Worked on Reversible data hiding in Encrypted Images. Using MATLAB and Python.

PROJECTS

Web Crawling visualizer

Page Rank algorithm

Aug 2019 Delhi, India

- This Program crawls a web site and pulls a series of pages into the database, recording the links between pages.
- Linked pages are ranked using Page rank algorithm(Used by Google Search engine)
- Visualization is done by Parsing data in JSON which is then viewed in browser.

Data Hiding

Quantization index Modulation

Oct 2018 Delhi, India

- **Steganography**:- An Image hiding application built on the method of Quantization Index Modulation(QIM) in MATLAB which hides an image into an image, and recovers it without any distortion.

Face recognition

Machine Learning

July 2018

- Trained Model by giving Sample image inputs Of people.
- This trained model is capable of identifying a person in a live video.

EDUCATION

B.Tech in Mathematics And Computing

Delhi Technological University

Aug 2016 – Present Delhi, India

- Current Grade :- 6.27

CBSE CLASS-XII

Bharat National Public School

2016 Delhi, India

- Secured 86 %

ACHIEVEMENTS



InCTF,2018- Kerela

Secured 8th position National level out of 300 teams Participated, organized by TEAM BiOs.



JEE Main

98+ percentile in JEE-MAIN 2016

STRENGTHS & SKILLS

Android Development

Linux

Android Security

Web Application Security

FinalCutPro

Git

Burp Suite

Alexa Skill Development

Wireshark

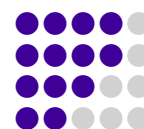
LANGUAGES

Python

Java

Javascript

Google Appscript



CERTIFICATIONS

- **Python for everybody(Specialization)**:- University Of Michigan -Coursera (Aug 2019)
- **Pen Testing and Ethical Hacking**:-Cybrary (Ongoing)
- **Google IT Support Professional** :-Google-Coursera(Ongoing)

HOBBIES & INTEREST

- Video editing
- Bhangra
- Playing piano