

# ABHISHEK SEN

## SKILLS

- Languages:  
JAVA, Python, C, JS-ES6
- Database: Oracle
- Others: Git, MATLAB

## CONTACT DETAILS

- Address: Room 44,  
International Student's  
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## PROJECTS:

- **SXC Time Table Generator** using Genetic algorithm(collaborated project):A Java based application for generation of Timetable for St.Xavier'sCollegeKolkata.  
GUI: Java Swing.  
Database: Oracle connected using JDBC.  
Role:Implemented Genetic Algorithm for given problem.  
connected to database using JDBC  
A Version of this was also made in Python.
- **Simulation of Buffer-Cache**(individual project) of UNIX system V using C
- **Analysis of Crimes Against Women in India** (collaborated project):Aim was to analyse and predict discernible patterns in crime types and crime rates.(Data Mining)  
Dataset was from National Crime Records Bureau.
- Co-authored in a paper titled **Bit Level Symmetric Key Cryptography using Genetic Algorithm** presented at 7th International Conference on Communication Systems And Network Technologies and available on IEEE Xplore.
- **Mass Video Downloader** (individual project): A **Chrome Extension** to scrape a provided url and download available videos one-by-one to prevent overcrowding of weak servers which result in Error 503.

## EDUCATION

- M.Sc (Computer Science)  
Department of Computer Science, Delhi University.  
2018-Present.  
Aggregate Percentage:-81.5%
- B.Sc (Computer Science)  
St. Xavier's College(Autonomous),Kolkata  
2015 - 2018  
Aggregate Percentage(Major):-78.72%
- Class XII (I.S.C)  
National Gems Higher Secondary School Kolkata  
Year-2015  
Best of 5 : 97.0%

## EXTRA CURRICULAR

- Xavostav 2017( St.Xavier's College fest)Director,  
Department of Hospitality.
- **Secretary**  
St.Xavier's College Science Association  
2016-2017
- Convener  
Sigma 2017(Science Fest)
- Head of Events  
Exabyte(Computer Science Fest)  
St. Xavier's College Department of Computer Science