

SANCHIT AGARWAL

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<https://agarwal.tech>

EDUCATION

Delhi Technological University

B.Tech in Computer Engineering; GPA : 7.23/10

Delhi, India

2015 - Present

St. Xavier's School, Civil Lines

Class XIIth; Grade : 96.4%

Class Xth; GPA : 10/10

Delhi, India

2015

2013

EXPERIENCE

Citibank

Summer Analyst

Pune, India

May 2018 - July 2018

- Performed data modeling and performance benchmarking for data migration from SQL to HBase
- Implemented the overview export REST API for InView, Citi Private Bank's portfolio viewer
- Technologies used: Java, Python, WebLogic Server, SoapUI, SQL Developer, HBase shell etc.

Defence Research and Development Organisation (DRDO)

Trainee

Delhi, India

June 2017 - July 2017

- Devised an attack to crack VeraCrypt Advanced Encryption Standard (AES) containers using main memory dumps
- Technologies used: Python, C, C++, VeraCrypt, aeskeyfind etc.

PROJECTS

Document Summarizer : Semi-supervised single document abstractive text summarizer using k-means and ridge regression, research paper accepted for publication in the proceedings of IEEE ICACCCN, October 2018.

Linkbook : Social media website for links that acts as a platform to share as well as manage website links using Python, Django, PostgreSQL, JavaScript, Open Graph etc.

Memap : Web app for dementia patients to create notes and remember using Python, Django and Kloudless API

Memic : Automatic 'memeified' music video generator for English songs using Python and MoviePy

Mini Projects : Messenger GIF Chatbot, University Management System, Cricket Data Analysis

AWARDS

Winner @ HackIIIITD [2018]

CS Class XIIth Board Examination Topper [2015]

POSITIONS

Technical Head, CSI DTU - Created programming problems for annual technical fest Invictus '18.

Captain, House Cricket Team - Led the team to tournament win and defended the title next year in school

EXTRACURRICULARS

Won gold medal for cricket at inter-department sports fest Arena '16

Won several medals for track and field events and half marathons

Played as goalkeeper for Citi Private Bank in intra Citi cup