

Satrap Rathore

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Education

2013-current **BTech, Computer Science**, National Institute of Technology, Durgapur, Durgapur, WB.
2011-2013 **South Point High School, Kolkata WBCHSE-87.4%.**
1998-2011 **South Point High School, Kolkata WBBSE-87.5%.**
cgpa: 7.90/10.00

Experience

May-July 2016 **Summer Internship**, Suphalaam Technologies(CAKART.in), Bangalore, Completed the project "User Segmentation for Efficient Custom Marketing" using Big Data tools like HBase, Hive, Google Analytics, SQL. The objective was to Develop a system which allows marketing team to fetch the set of users who have shown purchase intent for a particular category of product in the past x number of days and then promote new products or offering so organization can achieve higher return on marketing effort and not-interested people are not irritated with irrelevant marketing messages over sms/email. Each email and sms cost organization and if organization sends such communication to all users without knowing their intent, it is high investment on marketing but very little return and a solution is required to optimize this. .

Technical Experience

Proficient With

languages C, C++, Python, Java, \LaTeX
technologies Git, Windows, Ubuntu, MySQL
tools Eclipse, Netbeans, Virtual Box, Hbase, Hive, STL

Projects & Code Snippets

My codes are available on **Github**(<https://github.com/etotientz>)

Bus Stop Determination: Contributed in a research project with the topic "Stoppage Pattern Analysis of Public Bus GPS Traces in Developing Regions" from Jan-Feb 16 which involves implementing learning machine algorithms like dbscan using python index package modules. For detailed information about the project visit <http://nitdgp.ac.in/MCN-RG/landmark/home.html>

Built basic python games called **Hangman** (https://github.com/etotientz/Hangman_Game.git) and **Tic-Tac Toe**. (https://github.com/etotientz/Tic_Tac_Game.git)

Built a python web scrapper called **Vocabulary-booster** which parses the website <http://dictionary.reference.com/> and gives a list of all the words of a year user has given input to. (https://github.com/etotientz/Vocabulary_booster.git)

Relevant Coursework

NIT Durgapur

computer science Programming in C,C++, Computer Architecture, Algorithms & Data Structure,Databases, Operating System,Automata Theory,Computer Networks,Software Engineering,Compiler Design,Artificial Intelligence

Activities

Position of Responsibility.

Class Coordinator at RECursion (the coding community of NIT DURGAPUR)(<https://www.facebook.com/groups/recursion.nit>)

Other Current Hobbies.

Competitive coding,watching documentaries,movies & sitcoms,sleeping,reading Quora

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Active participation on online competitive coding websites-Codechef, SPOJ, Hackerrank,leetcode, InterviewBit etc.Member handle-etotientz