Satrap Rathore

108,J.C Bose Hall of Residence,NIT DURGAPUR,WB,713209
+91-9143227223/+91-9051035048
✉ satraprathore@gmail.com

Education

2013-current	**BTech, Computer Science**, *National Institute of Technology,Durgapur*, Durgapur,WB.
2011-2013	**South Point High School,Kolkata WBCHSE-83.4%**.
1998-2011	**South Point High School,Kolkata WBBSE-87.5%**.
cgpa:	7.92/10.00

Experience

January 2016-present	**Online courses on:**, *Machine Learning Algorithm on Coursera & edX,python,git on Codeacademy*.
December 2015	**Winter Training**, *Completed a 20 day course on Android Application Development from Multisoft Sytems.*.
June 2015	**Summer Project**, *Designing a basic hybrid mobile application using Phonegap for National Informatics Centre,Kolkata (NIC)*.
June-July 2014	**Summer Training**, *Underwent a 75 hr certified training course on C, C++ ,NIIT Kolkata* .

Technical Experience

Proficient With

languages	C, C++, Python,Octave, HTML,Java,MySQL,Javascript, LaTeX
technologies	Git, Vim, Windows, Ubuntu,JUnit
tools	Android Studio, Eclipse,Apache Cordova,Netbeans,Virtual Box

Projects & Code Snippets

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

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

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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)

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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.

Member,mentor & content writer 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

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