

Himanshu Kumar

himanshukumar660@gmail.com • +91 9476001014 • #309, Hall 3, NIT Durgapur, West Bengal, India

EDUCATION	B.Tech in Information Technology , 3 rd Year National Institute of Technology Durgapur, West Bengal, India <ul style="list-style-type: none">CGPA of 9.14/10.0 (Jun 2017) High School - Kendriya Vidyalaya Raksha Vihar , Port Blair (CBSE) - 95% Secondary School - Kendriya Vidyalaya Minambakkam, Chennai (CBSE) - 10.0/10.0	2015 - 2019 2013 - 2015 2003 - 2013
EXPERIENCE	Summer Research Intern, IIT Kharagpur <i>Mentored by Dr Sudip Misra, Dept. of CSE, IIT Kharagpur</i> <ul style="list-style-type: none">Programmed a new Smart Grid Communication System in C++.Wrote Python and shell scripts to automate the preprocessing of big datasets for analyzing the network performance metrics of the proposed smart grid system.Packet delivery ratio and throughput increased by 3.1% and 15.7% respectively, and packet delivery delay reduced by 35.6%. Software Developer Intern, Building Dreams Foundation <ul style="list-style-type: none">Developed the official website using HTML, CSS, Bootstrap and JS.Improved UI based on user feedback, 30% improvements in terms of loading time.	May - July, 2017 Aug - Sept, 2017
TECHNICAL SKILLS	Strong Areas - Data Structures, Algorithms Languages - C, C++, Python Tools/Frameworks - Qt, STL, \LaTeX , MySQL, Scikit-learn, Git, Beautiful Soup, Scrappy	
RELEVANT COURSES	Core Courses - Data Structures and Algorithms, Computer Architecture and Organization, Operating System, DBMS, Theory of Computation*, Computer Networks*, Microprocessor* Self-Taught Courses - C programming, Web Development, Web Scraping and Crawling*, Python programming, Machine Learning*	
PROJECTS	All projects available on git : https://github.com/himanshukumar660 <ul style="list-style-type: none">Spam Classifier : A python program that predicts the likeliness of a message being spam or ham with an average accuracy of 91.08% by implementing Bernoulli naive Bayes algorithm for multinomial distributed data.Recommender System* : A machine learning project implemented in python that uses item based collaborative filtering to find movies similar to other movies based on user ratings data.Oxanry : A Chrome browser extension for improving second-language vocabulary learning. Used Oxford Dictionary API's.Typing Test : A GUI based application that measures the typing speed of the user. The project is written in C++ and implemented on Qt framework.	
ACHIEVEMENTS AND AWARDS	<ul style="list-style-type: none">Active participation in Competitive Coding, Won Bronze Medal in <i>Week of Code 22</i>, Hackerrank.Received Appreciation and goodies for designing a dictionary chrome extension during <i>Oxford API Hackathon</i>.Scored a perfect 10/10 grade in Data Structures and Algorithms Course, at college.Information Technology branch rank 4th among 90 students, at college.Secured high school rank 1st and state rank 4th in AISCSE 2015.Awarded with Meritorious Student Award from CBSE and Kendriya Vidyalaya Sangathan for securing the top position in AISSE 2013.Awarded with Best Student Award from Ministry of Defence, Govt. of India, for consecutive 5 years (from 8th to 12th class).	
POSITIONS OF RESPONSIBILITY	<ul style="list-style-type: none">Senior Tech lead and event coordinator at GNU Linux Users Group, NIT DGP	

* Currently ongoing