



SHASHANK MISHRA

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CGPA : 7.31



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	PCM + Computer Science	Mercy Memorial school	ISC	93 %	2015
CLASS X	General	Mercy Memorial school	ICSE	92.8 %	2013

Subjects / Electives	Machine Learning, Operation Research, Computer programming, Graph and Networks, Quantum information and Computation
Technical Proficiency	Data Structures, C++ Language, Java, Neural Networks, Pandas, React.js,

SUMMER INTERNSHIP / WORK EXPERIENCE	
Product Engineering Intern, Publicis Sapient Face authentication(KYC) for Lloyds Bank(Proof of concept): <ul style="list-style-type: none">Built full stack web and mobile application using AWS cloud architecture and React(for web), React-Native(for mobile)AWS cloud services used:(S3, DynamoDB, Rekognition, IAM, Cognito, Lambda)	May 2019 - Jul 2019
Research Intern, Bharat Petroleum Corporation Limited Syn-gas conversion to Syn-crude via FTS route: Material and Energy balance	May 2018 - Jul 2018

COMPETITIONS	
Competitive Coding Profile Solved more than 700 problems across all platform: <ul style="list-style-type: none">Codechef: (Rating:1924 (4 Star) Country Rank:3079)Codeforces: (Rating:1618 (Expert) Country Rank:947)	
Google Code Jam 2019 Round 2 <ul style="list-style-type: none">India Rank 42 (top 33 Qualified)World Rank 2443 (top 1500 Qualified)	Apr, 2019
Facebook Hacker Cup 2018 Round 1 (Rank:1253/7131) Qualification Round (Rank: 4130/8216)	Jul, 2018
Google Code Jam 2018 Qualification round cleared	Mar, 2018
SNACKDOWN 2017 RANK:615 (Pre-elimination round) Annual competitive coding competition held by CODECHEF	Jul, 2017

PROJECTS	
Machine Learning BITS F464 (Course Project) - Machine Learning <ul style="list-style-type: none">Implemented algorithm from scratch:(1. Naive Bayes Classifier 2. Decision Tree 3. Logistic Regression)Implemented ensembling methods:(1. Bagging-Random Forest 2. Boosting-AdaBoost for MultiClass Classification 3. Stacking)	Mar 2019 - Apr 2019
Graph and Networks Math F243 (Course Project) - Connectivity of Graphs <ul style="list-style-type: none">Understanding the bridgeless graph and its properties eg. Peterson graphCycle double Cover ConjectureDFS based algorithm for finding articulation points	Feb 2019 - Apr 2019

CERTIFICATIONS	
NAME	CERTIFYING AUTHORITY
Introduction to Network Management	Nettech Private Limited
Neural Networks and Deep Learning	Coursera
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera
Structuring Machine Learning Projects	Coursera