

MOHITESH CH AGARWAL

Competitive programmer, Algorithmist, Data Science Practitioner, Software Engineer



30B Ananda Banerjee Lane
DN Mitra Square
Kolkata, WB - 700 020
(+91) 8910983577
agarwalmohitesh@gmail.com



EXPERIENCE

Ajay Tech, Hyderabad, India — *Subject Matter Expert (Machine Learning)*

AUGUST 2019 - SEPTEMBER 2019

1. Created a full Guided Project on "Credit Card Fraud Detection" for students completing the course on Ajay Tech's Udemey Course
2. 99.76% accuracy was archived using ensemble learning method "Isolation Forest"
3. Did a comparative study of the accuracy of other ensemble methods like LOF to detect outliers

Codezin, Kolkata, India — *Data Science Internship*

JUNE 2019 - AUGUST 2019

1. Worked on Solar Energy Predictive Analytics used for site-wise forecasting generation from the plants spread across multiple locations in India. Data is sent from IoT sensor attached with inverters
2. Designed and Implemented pilferage detection system from invoices of Diesel Generator top-ups and meter reading dataset
3. Introduced alarm analytics for alarms sent by electricity outage sites. Predicted the estimated time to close the open and work in progress alarms.

Silfra Technologies, Bangalore, India — *Data Science Internship*

DECEMBER 2018 - JANUARY 2019

1. Improved efficiency of the 3D-Bin-Packing algorithm being used by creating my own first fit algorithm
2. Minimized redundancy of the output Digitize (OCR product by Silfra Tech) by marking redundant phrases with Typos
3. Contributed to the check validation by checking the amount in words and figures are the same or not

EDUCATION

Maulana Abul Kalam Azad University of Technology (Formerly WBUT)

B.TECH CSE (GPA - 8.1) [On an absolute scale of 10]

AUGUST 2016 - JULY 2020

Relevant Coursework [Includes Theory and Lab]

Algorithms, Artificial Intelligence, Computer Architecture, Database Management System, Operating Systems, Computer Networks, Microprocessor & microcontroller, Numerical Methods

PROJECTS

Online Food Ordering Web App — *Software Engineering*

Online Food Ordering App is my attempt to solve the problem of food ordering in a lucid and efficient way. MVC architecture is used over here. The model is NO-SQL MongoDB, View is AngularJS, and Controller is NodeJS. The data in the front end is fetched using a RESTful API at the controller.

[For looking at projects visit www.github.com/mohitesh07]

Technical Skills

C/C++, Python, Java
Numpy, Pandas,
MySQL, MongoDB,
HTML, CSS, JS(ES6+),
Node.js, Angular.js,
Postman

AWARDS

1st Position at Debate
Competition, MAKAUT

3rd Position at National
Science Day, MAKAUT
Photography
Competition

Certificate of Excellence
for ISC Examinations

Silver Award
International Award for
Young People

Bronze Award
International Award for
Young People

CERTIFICATIONS

INFYTO Software
Developer (Infosys
Certification)

ONLINE COURSES

Neural Networks and
Deep Learning
(deeplearning.ai)

M001 (MongoDB
University)

LANGUAGES

Fluent in English, Hindi;
Conversational
Proficiency in Bengali