



Mihir Ahlawat



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Education

B.Tech. Mathematics and Computing,
Delhi Technological University,
Delhi | 2020 | CGPA: 8.22/10

Class XII - Montfort Sr. Sec. School,
Delhi | 2016 | 85.8 %

Class X - Montfort Sr. Sec. School,
Delhi | 2014 | GPA: 9.4/10

Skills

Technology stack: C,C++,R,MATLAB,
Python(and libraries),Java,JavaScript,
ReactJS,HTML,ABAP,SQL,MongoDB

Other: MS Office, Git, SPSS, LaTeX

Spoken languages: English, Hindi

Extra Curricular

Society for Industrial and Applied
Mathematics(SIAM), Chapter DTU
Vice President | Aug '18 - Aug '19
Head of Publicity | Aug '17 - Aug '18
- Planned annual budget, organized
the annual fest of math department
and conducted various workshops

Rotaract Club Ashoka, Delhi
Director of Club Services

- Organized flood relief donation
camps, distribution of clothes to
underprivileged, tree plantation
drives and blood donation drives.

Hobbies

Weight Training, Gaming, Cycling,
Listening to Podcasts, Chess

Work Experience

- July 2020 - Associate Software Developer SAP Labs, Bangalore
SAP Cloud Replenishment Planning (CRP) - Currently working on cloud
 configuration applications for the Replenishment Planning solution by
 designing and building micro-service based components
 using ReactJS and Java
Packaging and Parallelization Framework (PCP) - Built a framework
 in ABAP for batching and parallel processing of workload items while
 providing configurations for the consumer
SAP Replenishment Planning (CARAB 5.0) - Built models on SAP HANA
 for providing KPIs as a template on SAP Analytics Cloud
Root Cause Analysis App - Built a central application for all developers
 to create new RCAs mapped with various incidents and their solutions
 with separate use case for Quality Experts to review and publish
- Jun-Jul'19 Data Science Intern Career Launcher, Delhi
 Designed a statistical model using user-based Collaborative Filtering
 and exploratory data analysis to build an adaptive question recom-
 mendation engine
 Performed rigorous data cleaning and feature extraction to predict
 customers for Career Launcher, using the leads such as clicks, pages
 visited, and login-logout times, generated from the company website
- Jun-Jul'18 Data Science Intern Dean Student Welfare, Delhi University
 Organised and explored the collected student registration data, and
 made scripts in R to calculate the adjusted percentage for all candi-
 dates across various courses and a course allotment script as per the
 admission committee guidelines

Projects and Hackathons

- Mar 2019 Finalist for Problem AM2, Goldman Sachs Smart India Hackathon
RWHO Optimiser is an underground water tank location optimizer which
 makes use of transshipment model to find the optimal location(s) and
 capacity of water tank(s) to be placed in a city, provided housing data,
 catchments, stability and (x,y) coordinates of houses
- Jan-May'19 Fire Station Database Management Academic Project
 GUI application on Fire Station database management in python
 using PyQt for the front-end and MySQL for the back-end with interface
 for both administrator and user
- Jan-Feb'19 Sentiment Analysis of Tweets using LSTMs and CNNs Personal Project
 Implemented a state-of-the-art research paper(2017) to predict sen-
 timent of tweets using LSTMs, CNNs and pre-trained Global Vectors
 for Word Representation(GloVe) as word embeddings

Publications

- Nov 2020 Learning Partial Differential Equations from Noisy Data using Neural
 Networks Research Project
 Kashvi Srivastava, Mihir Ahlawat, Jaskaran Singh and Vivek Kumar
 Journal of Physics: Conference Series | URICSE-2020 Proceedings
 doi:10.1088/1742-6596/1655/1/012075

Achievements

- Qualified for Google Code Jam'18
- Ranked 145 in State Junior Science Talent Search Examination'2012-13
- Top 1%ile in Problem Solving Assessment 2015 (Quantitative Reasoning)
- Won multiple soccer tournaments for my school at Inter-Zone level

Online Open Courses

Intel Edge AI Scholarship for OpenVINO Fundamentals by Udacity,
 Python for Everybody Specialization by Coursera, Game Theory by Coursera