Abhishek Gupta

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EDUCATION

IIIT DELHI
BTech in Computer Science
Sixth Semester | New Delhi, India
CGPA: 7.94/10

GYAN BHARATI SCHOOL
Grad. May 2016| New Delhi, India
95.8%

LINKS

Github:// **trinity97**
LinkedIn:// **abhishek-gupta**
Quora:// **Abhishek-Gupta**

COURSEWORK

CURRENT SEMESTER
Deep Learning
Virtual Reality
GPU Computing

COMPLETED
Machine Learning
Data Mining
Data Structures and Algorithms
Linear Algebra
Probability and Statistics
Discrete Mathematics
Number Theory
Computer Organization
Advanced Programming
Theory of Computation
Modern Algorithm Design

SKILLS

PROGRAMMING
Proficient:
Java • Python
Familiar:
C • C++ • CSS • Assembly
LATEX • HTML • Shell • MATLAB

PROJECTS

PERSONALITY ANALYSIS USING TWITTER DATA | Data Mining
- Worked on Kaggle MBTI twitter personality dataset.
- Data visualization and preparation.
- Sentiment identification and BOW model.

NIGHTSKY IMAGE CLASSIFICATION | Machine Learning
- Implemented a CNN to classify ISS night sky images.
- Image preprocessing and feature extraction.

ARM SIMULATOR | Computer Organization
- Implemented an assembly language simulator for ARM.
- Developed UI for easy use.
- Added debugging options for code.

KRON | Advanced Programming
- Worked on creating a multi-user room booking system.
- Worked with Hibernate, JDBC and MYSQL.
- JavaFX used for creating UI.

MESS BOT | Introduction to Engineering Design
- Created a bot to serve flatbreads hot in the mess.
- Used Arduino to process signals and run the bot through the mess.

ENVIRONMENT MONITORING | Systems Management
- Created a simple tool to visualize the conditions in a room.
- Display temperature, humidity etc. and report if it is within mentioned parameters.

VOLUNTEERING

SHRANKHLA FOUNDATION | Teacher
May 2017 - June 2017 | New Delhi, India
Worked in a Non Profit Organization to teach underprivilidged kids in Jasola Village. Worked on basic skills needed by kids in primary school and developing their social skills.

MENTOR | Gyan Bharati School
2015 | New Delhi, India
Worked on developing social and communication skills of middle school kids along with other friends.

MENTOR | IIIT Delhi
2018 | New Delhi, India
Mentoring freshers as a member of IIIT mentorship program.

AWARDS

2015	16th Delhi	Regional Mathematics Olympiad(RMO) Finalist
2015	Bronze Medal	Manav Sthali All India Inter School Maths Talent Test
2015	Merit Index	National Standard Examination in Astronomy