ARPIT JAIN

3rd Year Undergraduate Student
(Discipline of Computer Science and Engineering)

PDPM Indian Institute of Information Technology,
Design and Manufacturing,
Jabalpur, Madhya Pradesh, India
(An Institute of National Importance,
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INTEREST AREAS

1. Data Science
2. Big Data and Analytics, Data Mining
3. Software Engineering

ACADEMIC BACKGROUND

DEGREE	CPI/PERCENTAGE	INSTITUTION	PERIOD
BACHELOR OF TECHNOLOGY (B. TECH)	8.70/10	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING (JABALPUR)	2015 - 2019
SENIOR SECONDARY	95.60%	INDIRAPURAM PUBLIC SCHOOL (GHAZIABAD)	JUN 2015

WORK EXPERIENCE

POSITION HELD	ORGANIZATION	DEPARTMENT	PERIOD
BIG DATA INTERN	APTRON SOLUTIONS PVT LTD	Big Data and Analytics	MAY 2017 – JUL 2017
Dealing with real time data fetching and its analysis using Open Source platform Hadoop and Hive.			
DATABASE INTERN	UFLEX LTD. NOIDA	Database Management	JUN 2016 - JUL 2016
The Objective of the Internship was to understand the basic concepts of data processing in a very large company.			

PROJECT WORK

ANALYTICS PROJECTS			
S.NO	NAME	DESCRIPTION	PERIOD
1.	TWITTER DATA SENTIMENTAL ANALYSIS	• Sentimental analysis of the Real-Time tweets depending upon the Current Affairs.	JUN 2017 - JUL 2017
2.	HADOOP CLUSTER SETUP ON CLOUD	• Setup of a Fully-Distributed Hadoop cluster On the Amazon Web Server Cloud.	JUL 2017 - AUG 2017
3.	PROPOSAL OF AN EFFECTIVE DISK MANAGEMENT ALGORITHM Under Guidance of - ASSIST. PROF. M. K. BAJPAI	• Three research papers on Operating System Disk Management were acquired from reputed universities and their respective details were highlighted. • Pros and Cons of each paper were discovered.	AUG 2017 - NOV 2017
4	AVERAGE RAINFALL PATTERN OF INDIA	• Analysis of the rainfall pattern of India over the last century (1901-2015)	DEC 2017

ACADEMIC PROJECTS				
S.NO	NAME	GUIDANCE	DESCRIPTION	PERIOD
1.	FUSION IIIT (PLACEMENT AND LEAVE MODULE)	ASSOCIATE PROF. ATUL GUPTA	• Developed Placement and Leave Modules of the Collective Software Application of the Institute. I was a part of the team consisting of 54 members.	AUG 2017 – NOV 2017
2.	INSTITUTE CV MANAGEMENT SYSTEM	ASSOCIATE PROF. PRITEE KHANNA	• A platform where all the students of a particular institute can create, store, update, theme and optimize their CV's enabling recruiters in Placement cell to sort them according to filters at the time of placement.	JAN 2017 – APR 2017

| 3. | FRAGMENTS – GAME DEVELOPMENT | PROF. APARAJITA OJHA | • The Project is based on the development of a Game on Unity 3D Platform simulating a character in various environments. | JAN 2017 - MAR 2017 |
| 4. | SMART CITIZEN APPLICATION | THINK-O-HACK (HACKATHON) | • A Web Application which provides a unified system for easy complaint handling. | MAR 2017 |

COURSES / WORKSHOPS / TRAININGS

S. NO.	TITLE	ORGANISATION	PERIOD
1.	BIG DATA WITH HADOOP	APTRON SOLUTIONS	MAY 2017 - JUN 2017
2.	INFERENTIAL STATISTICS	UDACITY (San Jose University)	DEC 2017
3.	DATA SCIENCE WITH PYTHON	COURSERA (University Of Michigan)	OCT 2017
4.	DATA REPRESENTATION IN PYTHON	COURSERA (University Of Michigan)	DEC 2017
5.	PARALLEL COMPUTING	INTEL INDIA	SEP 2015
6.	BIG DATA FUNDAMENTALS	IBM (Cognitive AI, ONLINE)	SEP 2017
7.	DATA SCIENCE FUNDAMENTALS	IBM (Cognitive AI, ONLINE)	SEP 2017
8.	WEB DEVELOPMENT WORKSHOP	TAGDA BE (JABALPUR)	JUL 2016
9.	SOCIAL PSYCHOLOGY FOUNDATION	UDEMY	AUG 2017

OTHER USEFUL ACADEMIC COURSES

DATA STRUCTURES AND ALGORITHMS (A), SOFTWARE ENGINEERING (A+), DATABASE MANAGEMENT (A+), COMPUTER GRAPHICS (A+)

SKILLS & ABILITIES

	DATA AND ANALYSIS	TECHNICAL	DESIGN AND OTHERS
ADVANCED	• Numpy • Pandas • Matplotlib	• C, C++ • SQL, HTML, CSS, • Microsoft Office	• Adobe Photoshop • Bootstrap, Semantic UI, Materialize
INTERMEDIATE	• Big Data • Apache Hadoop	• PHP • Core-Java • Python	• Adobe Muse, Dreamweaver • Adobe Premiere Pro, After Effects • Film making, Photography
NOVICE	• Apache Pig, Hive, Sqoop, Flume, H-Base	• OpenGL • Django	• Adobe Indesign, Illustrator

AWARDS / ACHIEVEMENTS

1. **International Rank 7** in International Informatics Olympiad**(IIO)**.
2. **Academic Excellence Award** for scoring outstanding grades in **UG-Year 1** and **UG-year 2.**
3. Secured **Consolation prize** in the Hackathon sponsored by **Vassar Labs**, held at Indian Institute of Information Technology, Jabalpur, India. The hackathon was based on **Smart City Campaign**.
4. Best Creative Writer award - **World Scholars Cup 2014**

POSITIONS OF RESPONSIBILITY

1. Leader of the Helpdesk and security team in Annual Cultural Festival – **Tarang 2015** (IIITD&M, Jabalpur)
2. Coordinator of the **FILM MAKING CLUB** at Indian Institute of Information Technology, Jabalpur in session 2016-17. (During this period, **GULZAR**, a short film by our team was selected for screening at **CANNES FILM FESTIVAL, FRANCE 2016)**

PERSONAL DETAILS

• **Date of Birth:** JUNE 19, 1997
• **Personal/Professional Qualities:** Leadership qualities, Powerful communication skills, Content Creation, Public speaking, Visual Communication.

REFERENCES

DR. PRITEE KHANNA

ASSOCIATE PROFESSOR
(Head, CSE, IIITDM, JABALPUR, INDIA)

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DR. APARAJITA OJHA

PROFESSOR
(IIITDM, JABALPUR, INDIA)

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(SLIET LONGOWAL, PUNJAB, INDIA)

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