

Arushi Jain

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PROFILE

I am pursuing Ph.d in Computer Science and Engineering from IIT, Dhanbad. My interest lies in **Big Data Analytics** and has decent number of publications in SCI and Scopus indexed journals and conferences of international reputes. My goal is to obtain a dynamic, challenging opportunity that contributes to the outstanding success of the institution.

ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	%
Ph.d	2017-Present	IIT, Dhanbad	
M.Tech (Information Security)	2014 - 2016	Ambedkar Institute of Advanced Communication Technologies and Research (GGSIPU)	81.2
B.Tech (Information Technology)	2010 - 2014	Northern Indian Engineering College (GGSIPU)	79.43
Class XII	2009	Central Board of Secondary Education (CBSE)	81.6
Class X	2007	Central Board of Secondary Education (CBSE)	80.8

ACADEMIC DISTINCTIONS

- Ranked 1st among **120** students in my branch B.Tech. **2014**
- Secured **93 rank** in IPU-CET (among 5000+ participants). **2014**
- School topper in chemistry in class XII. **2009**
- School topper in Hindi in class X. **2007**

TECHNICAL SKILLS

- Programming Languages :** C,C++, JAVA(Basic)
- Software:** Hadoop, Weka, Rational Rose, Code Blocks.
- Main Area of interest:** Big Data, Hadoop, MapReduce, Algorithm design, Data Structure, Computer Network

RESEARCH PAPERS/ PROJECTS

RESEARCH WORK AND PUBLICATIONS

Research Papers in Journals:

- Jain, A.**, Bhatnagar, V. and Dey, N. (2016), 'Dynamic Price Assessment Model for Flight Booking Engines using Classification and Regression Adapted to MapReduce Framework' Paper accepted in Journal of Global Information Management(*JGIM*), IGI Global, ISSN: 1062-7375 (**indexed in SCI with Impact Factor**).
- Jain, A.** and Bhatnagar, V. (2016), 'Concoction of Ambient Intelligence and Big Data for Better Patient Ministration Services,' Paper accepted in International Journal of Ambient Computing and Intelligence(*IJACI*), IGI Global, ISSN: 1941-6237 (**indexed in Scopus, DBLP & Thomson Reuter**)
- Jain, A.** and Bhatnagar, V. (2016), 'Olympics Big Data Prognostications', *International Journal of Rough Sets and Data Analysis (IJRSDA)*, IGI Global, Vol: 03, Issue: 04, pp: 32-45, ISSN: 2334-4598(**indexed in DBLP**).
- Jain, A.** and Bhatnagar, V. (2016), 'Analysis of Grievances in the Banking Sector through Big Data', *International Journal of Service Science, Management, Engineering, and Technology (IJSSMET)*, IGI Global, Vol: 07, Issue: 04, pp: 21-36, ISSN: 1947-959X (**indexed in DBLP**).
- Jain, A.** and Bhatnagar, V. (2015), 'Movie Analytics for effective recommendation system using Pig with Hadoop', *International Journal of Rough Sets and Data Analysis (IJRSDA)*, IGI Global, Vol: 03, Issue: 02, pp: 82-100, ISSN: 2334-4598 (**indexed in DBLP**).
- Jain, A.** and Bhatnagar, V. (2016), 'Hadoop Map Only Job for Enciphering Patient-Generated Health Data,' Paper accepted in *International Journal of Information Retrieval Research (IJIRR)* IGI Global, ISSN: 2155-6377(**indexed in DBLP**).
- Jain, A.** and Bhatnagar, V. (2016). 'Medical Practitioners Twitter Feeds Analysis' is under review in the journal *Applied Soft Computing, Elsevier* (**indexed in SCI**).

Research paper in Conferences

1. **Jain, A.** and Bhatnagar, V. (2015), 'Crime Data Analysis using Pig with Hadoop', Elsevier's First International conference on Information Security and Privacy ICISP-2015 held on December 11-12, 2015, G. H Raisoni College of Engg., Nagpur(India) (**indexed in Scopus**).
2. **Jain, A.** and Bhatnagar, V. (2016), 'Big Data Evaluation and Realization using Hadoop Ecosystem', Springer ASISA International conference held on April 2016, Bangalore (Karnataka), India (**indexed in Scopus**).

Chapters in Edited Volumes:

1. **Jain, A.** and Bhatnagar, V. (2016). Big Data in Operation Management. Applied Big Data Analytics in Operations Management (pp. 1-164). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-0886-1.
2. **Jain, A.**, Bhatnagar, V. and Sharma, P. (2016). Collaborative and Clustering Based Strategy in Big Data. Collaborative Filtering Using Data Mining and Analysis (pp. 1-295). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-0489-4.
3. Goyal, M., **Jain, A.** and Bhatnagar V. (2016). A Classification Framework for Data Mining Applications in Criminal Science and Investigations. Data Mining Trends and Applications in Criminal Science and Investigations (pp. 1-386). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-0463-4.

PROJECTS

- **Big Data Analytics: A High Performance Analytics to Drive Better Business Decisions In Future as Dissertation in M.Tech**
Main aim was to understand the business impact of Big Data and its value which will help organization leaders to make better decisions and drive performance.
- **Application of Hadoop Solution for Revolutionizing Industry Insights as Minor Project in M.Tech.**
Main aim of was to uncover hidden patterns, market trends, customer preferences and other useful industry information through optimized Map Reduce programming framework and Pig Latin.
- **Enormous Input and Output Test as a Major Project in B.Tech**
Studied different ways of input and output in C++ and Java and compared their performance.
- **User and Group Management System on Linux Technology**
Worked on the project User and Group Management System based on Linux technology.
- **Study Of Networking And Security**
Studied Networking and Security at the information technology division, NHPC, Faridabad.

INTERNSHIPS

- Completed six weeks Industrial Training in June-July, 2012 at **CMC Limited** and worked on the project “**User and Group Management System on Linux technology**”.
- Completed six weeks Industrial Training in June-July, 2013 at the Information Technology Division, **NHPC, Faridabad** and studied “**Networking and Security**”.

POSITIONS OF RESPONSIBILITY

Senior Student Placement Coordinator, 2015-2016

Managing and coordinating placement activities of college.

Senior Coordinator, CSI-NIEC, 2012-2014

Responsible for administration of society and conducting C-SIGs (Special Interest groups) and other workshops at CSI-NIEC, the computer society of my college.

EXTRA CURRICULAR ACHIEVEMENTS

- Subject Matter Expert in **Chegg India Pvt. Ltd.** from **2016-Present**.
- Attended International Workshop On “**Big Data Analytics**” held in March 30, 2016 at Jawaharlal Nehru University, New Delhi.
- Attended workshop on “**Big Data and Ontology**”, held in September 2015, at IIT-Delhi.
- Attended 7th Annual Summit ASSOCHAM, “**Cyber and Network Security: Securing the Digital India**”, held in August, 2015 at The Ashok, New Delhi.
- Successfully completed Java Program- Level 1 conducted from September 2012 to February 2013, PurpleLeap.
- Attended the technical seminar on “**Silverlight**”, held in March, 2013, at Northern India Engineering College.

INTERESTS

Listening to Music.

PERSONAL DETAILS

Date of Birth: August 13, 1991

Marital Status: Single

Languages known: English, Hindi

PAN: BAIPJ6687H