CHARU PRIYADARSHINI

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Objective

To work for an organization which provides me the opportunity to improve my skills and knowledge, that will help me serve in the organization's growth.

Educational Qualification

YEAR	DEGREE	INSTITUTE	%
2017	B.Tech	BBDNITM, Lucknow	67*
2013	Secondary	National Institute of Open Schooling	79.8 %
2010	Secondary	Holy Cross School, Ballia	82.14 %

(* 1 subject's marks to be updated yet)

Course Work

- Data Structures and Algorithm
- Database Management System
- Machine Learning by Andrew NG (Coursera)-(in process)
- Operating Systems
- Python for Everybody (Coursera)-(in process)

Technical Skills

- **Programming Languages:** C, C++, Java SE, HTML5, CSS, JavaScript, Python 3.x
- **Software:** Netbeans IDE, Anaconda, Jupyter Notebook, MySQL, Adobe Photoshop, Vim Editor, Atom Editor, MS Office
- **Operating Systems:** Ubuntu, Windows(XP, 8, 10)

Relevant Projects

- **Recommender System: Predictive Analysis Model**
  Final Year Project, BBDNITM
  Used Collaborative Filtering Technique for item-item based cosine similarity

- **Gender Recognition using Speech**
  (Under Mr. Piyush Rai, Assistant Professor, Dept. Of CSE, IIT Kanpur)
  January 2017- Present
  Developing Gender Recognition System using Recurrent Neural Networks

- **Network Monitoring Tool**   Networks Group, IIT Kanpur
  January 2017
  Developed a Network Monitoring Tool using LAMP technology

- **LAN based Team Viewer software**
  June 2016-August 2016
  Developed a LAN based Team Viewer type of a software using core Java using RMI and networking.

Research Papers

- *BIG DATA ANALYSIS (A S.W.O.T. Report)*
  IEEE International Conference on Innovations in Green Energy and Healthcare Technologies (IGEHT), Coimbatore, March 2017
  Authors: Charu Priyadarshini, Manpreet Singh

- *Recommendation Algorithms for Item based Collaborative Filtering*
  4th International Conference on Computing for Sustainable Global Development (IndiaCOM), BVICAM, New Delhi, March 2017
  Authors: Charu Priyadarshini, Manpreet Singh, Ishpreet Singh, Vandan Bhatia

- *BIG DATA ANALYTICS : Solution to Healthcare*
  International Conference on Intelligent Computing and Control (IC2C 2017), IEEE Madras Chapter, KCE, Chennai
  Authors: Charu Priyadarshini, Manpreet Singh

Achievements

- Elected as the Member of **BBD Firefox Club** in the year 2016.
- Currently serving as the **HR and SME** for our cultural club**, Silver Steppers** (2016-2017)
- Scored **2nd** position in the **C-Quiz** conducted by the **Computer Forum** in our college in 2014.
- Participated actively:
  - **Cyber Conclave**, conducted by the **Cyber Crime Cell, Lucknow** in 2015.
  - **Network Security Workshop** conducted in our college in 2014.
- Participated and conducted the **Hacking Workshop** in our college in 2014.

Co-Curricular Achievements

- **Team Leader** for our cultural group for the Cultural Fest at MNNIT, Allahabad
- Served as the **Campus Ambassador** for**:**
  Internshala(2014-2015**)**
  I-Medita(2014-2015)
  IIT Bombay-Techfest(2014-2015**)**
- Worked as the Content writer (intern) at **White Panda.**
- Served as the website content writer for:
  - **FeelPankh**
  - **Swaaha Wedding Management Co.**
- Participated in College's Cultural fest **Utkarsh** in the year **2015** and won 2nd prize.
- Served as the coordinator for College's Fest **Utkarsh** in the year 2015 and 2014.
- Choreographed Opening Ceremony of our fest since 2013.