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INTERNSHIP

RESEARCH INTERN	INDIAN INSTITUTE OF TECHNOLOGY, DELHI	SUMMER 2014

- Working in the field of **Machine Learning and Natural Language Processing** for document classification under the guidance of Prof. K. K. Biswas.
- Developing algorithms for document classification using LDA and other similar models.
- Used Twitter data as corpora for model evaluation.

EDUCATION

Qualification	Institute	Year Of Passing	Percentage/ GPA
B.Tech-(IT)	Jaypee Institute of Information Technology ,Noida	2015	8.1(6th sem)
12	Satluj Public School ,Sirsa	2011	80.2%
10	Satluj Public School ,Sirsa	2009	78.6%

- Undergraduate Coursework: Algorithms; Data Structures; Operating Systems; Databases; Object Oriented Programming; Robotics.

TECHNICAL EXPERIENCE

Projects

- **Library Management System:** Implemented a library management system to solve the problems related to library like issuing of books, managing and sorting books and students profile, retuning of books on due dates and calculation of penalties. Developed in C++.
- **Development Authority Database Query System:** This tool was built with SQL in the backend and frontend was developed in PHP. Effectively performing all the queries related to it.
- **Banking Software:** A banking software capable of performing all the bank activities. This system was implemented with proper GUI along with proper connectivity with database and users were informed by the way of mails send to them automatically at the end of each transaction. Developed in Java.
- **Diabetes-mellitus Analysis and Prediction System:** Website with a machine learning tool based on hybrid algorithm (SVM and bagging using Decision Tree) which helps the user to predict diabetic status. Web Crawler to crawl data from multiple sites to get drugs and doctors related to your disease. Developed in JSP, Java Servlets, EJB, and Java.

EXTRA-CURRICULAR

- Among the coordinators of the programming hub (KNUTH) and the Robotics hub (uCR) in college.
- Won 2nd prize in Code Quest competition organized by Grapecity India.
- Won 2nd prize in inter-college programming competition.
- Organized 4 inter college events related to algorithms and robotics in college.

LANGUAGES AND TECHNOLOGIES

- C++, C, Java, HTML, SQL, PHP

- Adobe Photoshop, MATLAB, Dream Weaver