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Permanent Address Current Address

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*Prince Court, Kolkata- 700 068*, *Indian Institute of TechnologyPatna*

*West Bengal, India*  *Patna- 800 013, Bihar, India*

**EDUCATION**

2012-Present **Indian Institute of Technology** (**IIT**) **Patna** GPA: 7.87/10

Bachelor of Technologyin Computer Science and Engineering

2011 **South Point High School**  Marks: 91.75 %

West Bengal Council of Higher Secondary Education

2009 **South Point High School** Marks: 82.8 %

West Bengal Board of Secondary Education 91.5 %( Sc.Group)

**Areas of Interest / Relevant Courses**

I am passionate about **Machine Learning**, **Natural Language Processing** and **Artificial Intelligence.**

CORE COURSES

* Introduction to Computing, C Language Laboratory, OOP and Data Structures, Algorithms , Software Engineering, Discrete Mathematics

ONLINE COURSES (with proper certificates)

* Data Mining with Weka (University of Waikato, founder university of Weka, under Prof.Ian H. Witten)
* Algorithms I by Prof.Robert Sedgewick, Princeton University
* CS1156x Learning from Data (introductory Machine Learning Course), CalTechx
* Introduction to Computer Science and Programming, 6.00.1x, MITx
* Machine Learning by Andrew Ng, Stanford University (will be completed by May 1st week)

**Work Experience**

**Mining Opinion Features in Customer Reviews and Summarizing the Reviews**

*May 2013-July 2013*

As there is a growing popularity in e-commerce, any particular product has reviews in hundreds which makes it difficult to read them in order to make decisions. The aim of this project is to summarize customer reviews by finding specific features and corresponding opinions and whether the opinions are positive or negative. This project was done under the supervision of *Prof. Asif Ekbal (Assistant Professor, Indian Institute of Technology, Patna)*.

**Preparing the dataset for a Multiplex Networks Project**

*December 2013*

For the Multiplex Networks Project, I had to build a web crawler that was capable of finding out users which had accounts both on Facebook and Twitter. Then I extracted the corresponding friends list (Facebook) and followers list (Twitter) of those accounts.

**Project Management Software**

*January 2014-April 2014*

Designed the back-end part of a Project Management Software from the ground-up using Django, a Python-based framework for efficient project management. Also built a recommender system in that same project using proper feature extraction by NLTK.

**Technical SKILLS**

Platforms: Linux, Windows

Languages/Frameworks: Java, Python, C, Octave-3.2.4, Django

Speech/NLP/AI tools Weka, Python Natural Language ToolKit (NLTK) and some other Python Modules

LANGUAGES Bengali (native language), English, Hindi.

**ACHIEVEMENTS AND EXTRACURRICULAR INTERESTS**

* *All India Rank* **3780** among around 479,651 students appeared in *IIT-JEE 2012*. (Top 1%)
  + - *State Rank* **108** among around 137,575 students appeared in *WB-JEE 2012*. (Top 0.1%)
    - *State Rank* of **2** in Achievement cum Diagnostics Test in Mathematics (2008-09, Silver Medal)
    - *State Rank* of **6** in Achievement cum Diagnostics Test in Mathematics (2006-2007)
    - *All India Rank* **170** in 8th National Science Olympiad (2007)
    - **Football-**Member of the Aryabhatta Hall team in the Inter Hall Football Tournament, securing position II
    - **Social Work-**Member of Ekjaa-Unanimous Growth – an NGO for development of underdeveloped kids