HITESH SETHI

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OBJECTIVE

A platform which gives me a chance to exploit my extreme interest in field of Computer Science, fulfill my desire to do something out of the box, explore my talent and showcase my skills properly.

EDUCATION

Qualification	Institute	Year Of Passing	Percentage/ GPA
B.Tech-(IT)	Jaypee Institute of Information Technology ,Noida	2015	8.2(7th 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; Human Computer Interaction; Robotics.

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.

PROJECTS UNDERTAKEN

- **Intelligent Mail Box**: This mail client was developed to increase the user experience. Along with the basic functionality of the mail client the user is free to create any numbers of labels and mails will be classified accordingly. Multithreading was applied to make the GUI quick and responsive. Embedded DB was used. Developed in Java.
  URL: http://hiteshsethi.me/imb.html
- **Timetable Scheduling Module:** This website was developed to help school management for making timetable with ease. It features solutions for all the problems a school normally face in real life scenario while making timetable which includes room allocation, faculty allocation, adjust their time offs ,etc. The algorithm used is heuristic. Developed in CakePHP and for storing database MySQL was used.
- **Alumni Management Portal:** This portal was developed to help educational institute to remain in touch and maintain proper records of their alumni. There were two side's admin side and alumni side which interact with each other through RESTful API's. An alumni can request for new membership, update there profile content, interact with others, can post and comment on page, can join and view events which can only be created by admin. Admin can control flow of the site and block/un-block alumni's. Developed in CakePHP and for storing database MySQL was used.
- **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.
- **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 and oracle database was used for storing database.

- **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, returning of books on due dates and calculation of penalties. Developed in C++.

LANGUAGES AND TECHNOLOGIES

Operating Systems - Windows, Linux
Programming Languages - C, C++, Java
Internet Technologies - HTML, CSS, Bootstrap
Server Side Scripting/Frameworks – PHP, CakePHP
Database Management Systems - MySQL
Multimedia Tools - Adobe Photoshop
Version Control System - Git
Tools -Weka, MALLET, MySQL Workbench

POSITION OF RESPONSIBILITY

- **Lead Coordinator**, JIIT Programing Hub (2013-2014)
  Lead Coordinator of Knuth Programming Hub which conducts various technical workshops and technical events like Knuth Cup (annual programming contest) and Execute (intra coding contest).
- **Coordinator**, µCR (Robotics) Hub (2013-2014)
  Coordinator of Robotics Hub at JIIT which conducts workshops and events on Manual and Autonomous Robotics for helping our juniors to understand hardware alongside with software.
- **Lead the team** of more than 80 student volunteers at **IC3**: International Conference on Contemporary Computing, August, 2014.

ACHIEVEMENTS

- **Represented JIIT** in the **ACM International Collegiate Programming Contest** South Asia Regional, Amritapuri and secured 155 rank, in December, 2014.
- **Won** 2nd prize in **Code Quest competition** organized by Grapecity India in April, 2014.
- **Won** 2nd prize at **Crack the Bug** at Impressions '14-JIIT, Noida in March, 2014.

MISCELLANEOUS

- **Organized** 4 **inter college events** related to algorithms and robotics at JIIT, Noida.
- **Coordinator** of the event **"Entrepreneurs Speak" at Cyber Srishti: An IT Symposium** held at JIIT, Noida in April 2014.
- Got **Certificate of Achievement** from **ACM ICPC** for my performance in Asia Amritapuri first round online programming contest, 2013.
- Participated in Robotics event during **Kshitij**, 2012 at IIT-KGP.
- Participated in **Hack-Tricks** workshop held during **Techfest,** 2013 at IIT-B.