

# Deepak Agrawal

## Curriculum Vitae

4th year Undergraduate Student,

IIIT Allahabad-211012, India

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### Objective

To achieve professional satisfaction, personal development and rewarding high technological career and to establish a long term relationship reputed firm.

### Education

2011–2014 **Bachelor Of Technology in Information and Technology** , Indian Institute of  
(ongoing) *Information Technology, Allahabad , CGPA – 9.15 (Till Date).*

2009–2010 **Senior Secondary – CBSE AISSCE,**  
*St. Peter's Senior Secondary School, Bharatpur, 88%.*

2007–2008 **Secondary –CBSE AISSE,**  
*St. Peter's Senior Secondary School, Bharatpur, 84%.*

### Interests

- Algorithm And Data Structure
- Operating System
- Software Development

### Project

- **ChitraGupta Discovery Portal for AMAZON at Amazon Bangalore**

**Project Guide :** Vinod D.

**Project Brief :** The major objective of the project was to build a metadata repository service that provides current state of attribute across multiple aggregation stacks(PA,PAS,DP 2.0) and authoritative source for the attribute. Chitragupta is a service that tracks progress of Pangea project in terms of attribute Migration and ownership. The Whole project hosted to [www.discover.amazon.com](http://www.discover.amazon.com)

- **ONLINE EDITOR WITH ADVANCE EDITING, ADAPTIVE AUTOCOMPLETE, SNIPPET ALLOCATION(Undergoing)**

**Project Guide :** Prof. R.C. Tripathi

**Project Brief :** The major objective of the project was to build intelligent online editor for programming with features like adaptive autocomplete, auto indent, and snippet generator, colour code for keywords and Enhance sharing ability for modules, increasing its significance as an online software development tool.

- **Stock Market Prediction Using ANN**

**Project Guide :** Prof. K.P. Singh

**Project Brief :** The major objective of the project was to build an artificial neural network system for Indian stock market that can predict the future values of the stock by considering the five parameters i.e. High value, Low value, Net value, Stock Turnover, Trade Volume. Using these parameters first the network was trained using data for previous 2 years, after then the supervised learning takes place to adjust the weights. After completing the supervised learning our network become ready to predict the future stock Value. A user friendly GUI was created using Java so that the user can easily enter the company name and the date to which the network is supposed to predict the stock values.

- **Indian Sign Language Recognition using Kinect**

**Project Guide :** Prof. Pavan Chakraborty

**Project Brief :** The major objective of the project was to recognise the Indian Sign Language gesture using Kinect in real time .We implemented a real time gesture recognizer to control various different Gestures including dynamic and static Gestures using Kinect sensor and Microsoft Visual Studio C#. Using depth camera of Kinect we draw the skeletal system and define the trajectory of each gesture to be tracked. A user friendly GUI was created using C# so that the user can easily view the trajectory for any Gesture and can recognise any Gesture.

- **Complete Appraisal System for an Enterprise :**

**Project Guide:** Dr. O.P Vyas

**Project Brief :** A complete Appraisal System of an enterprise was implemented using java swing and other tools. We define various criteria for Rating and implemented a whole Mailing System for enterprise. According to the monthly performance and the rating given by the other colleagues the promotion and demotion of employee was analysed and draw the graphs about the performance of the Employee.

- **Android App (Know Your Apps)**

Know your apps is an app which list out all the app installed in your mobile phone. Using this app any app can be uninstalled as well as launch using a single Click.

- **Tic Tac Toe : (12th class)**

I implement Tic Tac Toe using C++ which can play with computer and challenges the computer at various difficulty levels (Beginner, Intermediate, Expert).

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## Achievements And Activities

- Participated in ACM ICPC in academic year 2012-2013(2<sup>nd</sup> year) and got 5<sup>th</sup> all India rank through Amritapuri zone and 11<sup>th</sup> rank with IITKGP zone.
- Been in top ranks and have got prizes in SEVERAL ( > 20 ) annual online programming/debugging/obfuscated coding contests conducted by various universities in India and outside.
- Qualified and Selected among the top 1 % of the candidates who appeared for IIT JEE 2011.
- Organised a worldwide programming event “Segmentation Fault” of IIITA Tech fest 2013 and received a participation of more than 1000 students from more than 40 universities.

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## Technical Skills and Experience

<b>Languages Known</b>	: C, C++, Java , HTML5,XML,JSP,JQuery
<b>Operating Systems</b>	: Windows , Linux, Android Platform, RedHat Environment
<b>Software used</b>	: Android SDK,Netbeans ,Web builder, Adobe Photoshop, Matlab, Google Sketch,Visual Studio,Oracle,Eclipse

## Personal Information

**Name** : Deepak Agrawal  
**Father's name** : Mr. Mohan Lal Agrawal  
**Date of Birth** : March 21, 1994  
**Nationality** : Indian  
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I hereby certify that all the information provided above is true to the best of my knowledge and belief.

**Deepak Agrawal**