

Deepika Agrawal

PERSONAL DATA

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CAREER OBJECTIVE

I am a 3rd year B.Tech Computer Science student at NIT ROURKELA with excellent academic record and keen interest and practical exposure in the field of software and application development along with solving new problems.

EDUCATION

CURRENT	B.Tech in COMPUTER SCIENCE AND ENGINEERING, National Institute Of Technology , Rourkela GPA: 9.31/10
MARCH 2014	Intermediate in SCIENCE, D.A.V. Public School,Unit-8,BBSR PERCENTAGE: 97.2
MARCH 2012	Matriculation , D.A.V.Public School,Hilltop Colony, Brajrajnagar CGPA: 10/10

ACADEMIC PROJECTS

OCTOBER-DECEMBER ,2015	DOCTOR'S DATABASE As part of academic project (3rd Semester, team of two), we used techniques of web development and created a doctors database management system which stored all the medical facilities available in the city and other relevant information about the medical facilities and nearby pharmacies in the city. The technologies I used for the development are HTML, CSS, Bootstrap, AJAX and PHP for the backend part. Also MYSQL database was used for the storing the database informations.
SEPTEMBER-NOVEMBER,2016	TALKY It is an android application which enables users to communicate with each other in the form of text over a network without having internet facilities in their devices. Here the main app has been built on java network. The server side programming has been done using php and MySql has been used for the server database.

WORK EXPERIENCE

MARCH 2016-JULY 2016	INTERN AT MARTOPOLIS.COM, JAIPUR Martopolis.com is a digital marketing site which is designed with special emphasis on trading of digital properties like domains, websites and apps. I developed the UI of the website. In the process, I learnt how to make the websites interactive by applying javascript.
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TECHNICAL SKILLS

General Programming:	C(Medium), C++(medium), Python(intermediate),JAVA(medium), Csharp(basics),R
Databases:	MySQL, Oracle
Other Software:	Android Studio,Matlab, Xilinx, Photoshop, Autocad, Rstudio, Visual Studio, octave, matlab

SOFT SKILLS

LANGUAGES English - Professional Fluency
 Odia - Basic Fluency
 Hindi - Mother Tongue

COURSES UNDERTAKEN

Data Structures, Algorithm Analysis And Design
Principles of Programming Languages
Computer Organisation And Architecture
Database Management System
Operating Systems
Data Communication, Microprocessors and MicroControllers
Online courses of HTML,CSS,Javascript, android app dev, R programming, Python
Linear Programming,Probability and Statistics
workshop on Google's Android app development with applied cs
machine learning course by Andrew Ng

INDEPENDENT PROJECTS

NOVEMBER 2016	CONTACT CENTRE SERVICES This is a competition by Amdocs Innovation Lab and our challenge is to build a chatbot that can replace the live agents in contact centre companies.It is a team project. Here in the first round we presented our idea and we got selected and we have made a business model for the next round the result of which is yet to come.
DEC 2016	SENTIMENTAL ANALYSIS AND ONLINE NEWS POPULARITY I learnt machine learning algorithms and tried to implement them in small projects like sentimental analysis and online news popularity. I used logistic regression algorithm for sentimental analysis and decision tree for online news popularity
MAY- JULY,2016	GIFTING APP I made this app as a surprise gift for one of my best friend for surprising her. This app contained all the memories we had in these years in form of a gallery along with the background music. Another activity in the app contained the messages of all other best friends and family members wishing them. The last section consisted of a video.
MARCH 2016	HORCRUX HUNT This is an online treasure hunt app hosted in the local host. It was an event organised in the TECHATHON-carnival arranged by the club. All the questions in the app were related to some location of our campus and whenever the user reaches the location he can use the qr code scanner in the app to get the answer of the question.

POSITION OF RESPONSIBILITY

Active member at Microsoft Campus Club,NIT Rourkela
Coordinator at Cultural Fest of NIT Rourkela 2015
Sponsorship Head of Techathon (mini-fest by Microsoft Campus Club)

SCHOLARSHIPS AND CERTIFICATES

August 2016	Academic Excellence Award for the year 2015-2016
2014	Scholarship of 6000 every year till studies by school
JULY 2014	Certificate of Appreciation from Regional Directorate
MAY 2014	Secured All India Ranking of 6451 in jee mains
MAY 2014	3rd position in state in the CBSE 12th Board Examination

EXTRACURRICULAR ACTIVITIES

Coding(Spoj Codechef)
Dancing and Listening Music
Painting Cartoons,Swimming