Abhinav Bansal

14103086 | +91 9780596212 | abhinavbansal19961996@gmail.com

Goal oriented, Hard working software engineer. I give my best in my field (interest) and love to take challenges. I have one principal in life "Speak less work more" Fascinated by how computer works, how games work, I stepped into the world of computer science engineering and it amazes me how the field of artificial and machine learning will take down the world and can make a world never seen before. In sports, I love to play a chess (national level chess player) and solve puzzles.

ACADEMIC DETAILS

Program	Institution	CGPA / %	Completion
B.Tech (Computer Science Engineering)	PEC UNIVERSITY OF TECHNOLOGY	7.2	2018
12th (CBSE)	SD Secondary School, Sector-24 Chandigarh	94.4	2014
10th (CBSE)	ST. John's High School, Sector-26 Chandigarh	9.6	2012

INTERNSHIPS / WORK EXPERIENCE

Chegg   *(June '18 - Present)*

Software Engineer

- ○ - Part of Chegg Study front end team (Php, JS, HTML, CSS, NODEJS).
  - Open Components and Eggshells.- Linux administrator (L1), Aws Services (EC2, docker, S3), Rundeck, SEO etc- Industry Standards (Sprints, Jira, Hipchat, Confluence etc)
  - Made Chegg robot in Hackathon (using Facebook plugin for UI, LUIS (Microsoft), Backend services which interact with DB, Nodejs to interact with all three) (A machine learning-based service to build natural language into apps, *bots*, and IoT devices)

Wipro Ltd   *(January '17 - June '17)*

Working with Eucalyptus Cloud and Automation of Nagios

- ○ # Worked on Linux Red Hat # Worked on Real time working Eucalyptus Cloud # Worked with a monitoring tool called Nagios in real time environment.

POSITIONS OF RESPONSIBILITY

Chess Tournament Organiser   *(September '16 - September '16)*

PEC University, Chandigarh

- ○ Organised chess tournament at university

University Chess Team Leader   *(July '14 - June '18)*

PEC Unversity, Chandigarh

- ○ Lead the team and won various medals at inter-university level.

PROJECTS

Twitter Sentimental Analysis   *(January '18 - May '18)*

○ We are fetching the tweets and applying 3 slave algorithms. Then we choose master algorithm to select best of three slave algorithm and compare results.

Music Mood Recognition and Recommendation System using Video Extraction *(September '17 - May '18)*

○ We are currently working on identifying the tags i.e. whether the music is sad or rocking or happy. We will be using lyrical analysis video/audio analysis. After this, we will be recommending music to the users.

Disease Prediction using machine learning *(April '17 - April '17)*

○ My co-mate created a classification model by using cloud platform microsoft Azure that predicts the occurence of diabetes in individual and i created a GUI in python to access the web service.

Artificial Teacher teaching subtraction and counting *(September '16 - November '16)*

○ Made in python. It teaches small kids subtraction and teaching and there is a artificial intelligent quiz too.

A Snake Game *(September '16 - October '16)*

○ Made using graphics.h in C++.

PEC E-Discussion Portal *(August '16 - November '16)*

○ Teachers can post assignments,pdf,important notification on our website exclusively for PEC students and she can restrict access to students of his/her own particular branch. There is a discussion portal also for both students and teachers.C# ASP.net

Dekstop Based application For Advocates *(June '16 - June '16)*

○ Advocates can built their own repository of cases,update,delete,edit,send email without login,play game for fun,daily quotes pop ups,and can get reference from official website . It is built in Python

Hospital management system *(February '16 - May '16)*

○ Console Based in c using sqlapii++ to connect with sql.Keeps record of old patients and fix appointment with doctors and generate bills and a lot more.

SKILLS

• Eucalyptus • Algorithm Analysis • Java • Nagios • Linux • Theory of Computation • Cloud Computing • SQL Database • Mathematics • Data Structures • Operating Systems • Web Crawling • Algorithms • Artificial Intelligence • Tkinter • Discrete Mathematics • RedHat • Kali Linux • Coding Experience

PUBLICATIONS

Performance Analysis of Data Mining Classification Algorithms to Predict Diabetes *(07 May '18)*

http://ijsrcseit.com/CSEIT411809
Publication: Rakesh Singh Sambyal, Tanzeela Javid, Abhinav Bansal

○ https://abhinav-diabetes-test.000webhostapp.com/

SUBJECTS

- Engineering Drawing • Introduction to computer science and engineering • Artificial Intelligence • Analysis and design of algorithm • Electronmagnetic theory • Theory of Computation • Communication Skill Basics • Basics of electrical sciences • Computer Architecture and Organisation • Computer Graphics • Tehnical communication • Object oriented programming • Web Technologies • Microprocessor and its applications • Operating Systems • Economics • Oscillation and optics • Engineering analysis and design • Vector calculus, Fourier series and laplace transform • Software Engineering • Discrete Structure for computer science • Computer Networks • Industrial tour • Environmental Sciences • Data Structures • Introduction to electronics engineering • C Programming Basic • database management systems • Ethics and Self Awareness • Mathematics-1 • Digital Electronics and logic design

ACHIEVEMENTS

○ Participation in 56th National School chess. National level chess player at Goa (Margao).

○ First Position in Urja 2017 Chess Tournament. lead the team and won gold medal at chess tournament in thapar university.

○ Participated in University Nationals Chess. Selected for All India Chess Tournament.

○ Second Position in ITUSA Chess Tournament. Got 2nd prize in ITUSA (CHESS) tournament at kurukushetra in both 2014 , 2015 and 2016 continuosly.

○ First Position in MNIT CHESS TOURNAMENT. First position in MNIT sports tournament in Blitz chess Tournament

○ Participant in AITA/CLTA Junior Tennis Circuit. Participated in AMUL-AITA LAWN TENNIS Tournament

○ Participant in 57th National School Games Chess. Played National for the second time at Jabalpur (Madhya Pradesh).

EXTRA-CURRICULAR ACTIVITIES

- Lawn Tennis • Chess

VOLUNTEER EXPERIENCES

Self survey *(August '15 - November '15)*

Volunteer, *for the cause of Health*

 ○ Surveyed on child malnutrition in neaby village (naya Gaon) of chandigarh and prepared a report on that.

National Service Scheme (NSS) *(October '14 - October '14)*

Save environment, *for the cause of Environment*

 ○ Visited Sector-17 main road chandigarh along with posters on evironment cleanliness.

National Service Scheme (NSS) *(July '14 - April '15)*

Teaching poor students, *for the cause of Education*

 ○ I was part of abha team and used to teach poor students.