

# RESUME

**Rishabh Joshi**

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## **ACADEMIC QUALIFICATION**

YEAR	COURSE	BOARD / UNIVERSITY	INSTITUTION	MARKS (%)
2014-2018	BE (Hons) Computer Science and Engineering	Birla Institute of Technology and Science, Pilani	BITS Pilani	CGPA - <b>9.22</b> (till 5 <sup>th</sup> semester)
2014	AISSE	C.B.S.E., Delhi	The Mother's International School, New Delhi	95.6 %
2012	AISSE	C.B.S.E., Delhi	The Mother's International School, New Delhi	CGPA 10

## **SCHOLASTIC ACHIEVEMENTS**

- Awarded the “**Shri Ratan Lal Lahoti Memorial Award**” for being the **board topper in Chemistry**, C.B.S.E. board examination, 2014.
- Awarded the “**Shri Dharamveer Gajra Memorial Award**” for being the **school topper in Computer Science** in C.B.S.E. board examination, 2014.
- Junior Science Talent Search (JSTS) scholar – Department of Science, Directorate of Education.
- Secured All India Rank (AIR) of **1574** in **IIT-JEE 2014**, and under 1500 in JEE-MAINS 2014.
- Awarded the Inspire scholarship for being among the **top 1%** students in the **CBSE Board Examination**, 2014.
- Awarded the Institute Merit Scholarship for Semester 1 and 2 in BITS Pilani for excellence in academics.

## **EXPERIENCE, PROJECTS AND AWARDS**

- **Development of DataCube for Uttarakhand using Geo-Spatial Technologies**: Summer intern at Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Government of India.
- Associated with **Project LifeGuard**, an IOT related research project, under Prof. Rahul Banerjee. Currently working on Bluetooth Security and Sensor Fusion.
- **E-Yantra** : **Second** (out of 57 teams) in **E-Yantra**, a robotics competition organized by IIT Bombay and MHRD. I was part of a team of four students.
- **BuildTheShield** : 31<sup>st</sup> out of 400+ teams from all over India. Selected for the finals. BTS is a capture-the-flag competition by **Microsoft**. I was part of team consisting of 4 students.
- **Code.Fun.Do** : Completed the app making hackathon (in under 24 hours), by **Microsoft**, making a mobile application for Android that detected calories from pictures of food.

## MEMBERSHIPS AND RESPONSIBILITIES HANDLED

- *Executive Coordinator* member at **Embryo Club** BITS Pilani.
- **Joint Activities Coordinator: Association for Computing Machinery** (ACM, BITS Pilani): managing ACM events/ activities throughout the semesters.
- **Executive Committee Member** of Computer Literacy Program at **NSS BITS Pilani**
- Event Coordinator at CATChamps 3.0 conducted by BITS Embryo in Feb 2015.
- Backend developer with BITS ACM for CHECKMATE.
- Organized / Question making team for ACM ICL (international coding league) for 2 consecutive years. ICL is a sport programming competition based on the ACM-ICPC.

## SKILLS

- **Programming Languages** – C, C++, Python, R, Django, SQL, Prolog, Java, C#, OpenGL
- **Common Softwares** - MATLAB, AutoCAD
- I actively participate in **Sport programming (Competitive Programming)** on various sites like spoj.com, codechef.com, codeforces.com.
- Participated in various capture the flag (CTF) events (Pragyan, NIT Trichy and BuildTheShield, Microsoft).
- Currently doing the Machine Learning **Verified** Specialization (University of Washington) from Coursera.

## EXTRA-CURRICULAR ACTIVITIES

- Participated in the **Adventure Youth Camps**, organized by *Sri Aurobindo Education Society*.
- Successfully completed '**Standard Rock Climbing**' course organized by *Education Youth Camp* and secured a *grade A* in the same.
- Participated in **Talent Festival** organized by 'The Mother's International School' in **Mask Making**, and secured the **3<sup>rd</sup>** position in the same.
- Participated in **Yoga programs, Indian Classical Instrumental Orchestra**, as a **Guitarist (Hawaiian)**, (2008-2012).
- **Adventure Sports**: Enjoy trekking, swimming, badminton.
- Actively take part in sports activities in BITS (lawn tennis and badminton).

## SOCIAL WORK

- Actively involved with the **NSS, BITS Pilani**, since August 2014. Currently holding the post of Executive Committee Member for Computer Literacy Program (CLP).
- Taught in the '**Matri Karuna Vidyalaya**', a *school run by Sri Aurobindo Education Society, New Delhi, for disadvantaged children of the neighbourhood*, 2012-2014
- Served in the Sri Aurobindo Ashram (Pondicherry) in 2012.