

SHAILENDRA DOHRE

JUNIOR UNDERGRADUATE ♦ COMPUTER SCIENCE AND ENGINEERING

(+91)-9516655272 ♦ ✉ shadohre@iitk.ac.in

EDUCATION

Year	Degree/Certificate	Institute	CGPA/%
2018 - Present	B.Tech(CSE)	Indian Institute of Technology, Kanpur	6.45/10
2018	CBSE(XII)	Indian International Public School, Dabra, Gwalior(MP)	80.4%
2016	CBSE(X)	Indian International Public School, Dabra, Gwalior(MP)	9.2/10

ACHIEVEMENTS

- 2018 - **All India Rank 3909**, Joint Entrance Examination(Advance) among 2,00,000 candidates.
- 2018 - **All India Rank 8683**, Joint Entrance Examination(Mains) among 1.5 million candidates.

PROJECTS

Design and Fabrication: Balsa

May 2019 - July 2019

Aeromodelling Club, IIT Kanpur

- Worked in a team of 5 to design and fabricate an rc-biplane model using Balsa wood primarily.
- Used XFLR 5 software to simulate and analyse airplane designs with varying dimensions and airfoil designs and learnt feasibility of aircraft by studying the parameters graph.
- Fabricate various parts of a biplane model - wings, vertical and horizontal stabilizers, fuselage and nose.

Dive Deep into Competitive Programming

Jan 2019 - April 2019

Association For Computing Activities, IIT KANPUR

- Learnt various time and space efficient algorithms of searching and sorting and also vector and map.
- Learnt various techniques like DP, Greedy, BFS, Dijkstra, etc. which are useful in Competitive Programming.

TECHNICAL STRENGTHS

Programming Languages	C/C++, Python, Bash Script
Web Development	HTML, CSS, Node.js, SQLite
Software and Tools	AutoCad, XFLR 5, Latex

RELEVANT COURSES

Data Structure and Algorithm Fundamental of Computing Software Development and Operations Computer Organization Linear Algebra and Ordinary Differential Equations Introduction to Electronics	Operating System Introduction to Machine Learning Introduction to Mathematical Logic Discrete Mathematics Real Analysis and Multivariable Calculus
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EXTRA-CURRICULAR

Junior Executive

October 2018

Techkriti Open School Championship(TOSC), Techkriti'19

- Worked in the Junior Executive team of TOSC and managed and conducted an examination in the district Gwalior(MP) of approximately 200 students.