Yasharth **Bajpai**

FRESHER · CHEMICAL ENGINEERING

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"Experimenting is the way to learn."

Education

Year	Degree	Institution	CGPA/%
July'17 – Present	B.Tech, Chemical Engg.	Indian Institute of Technology, Kanpur	9.8/10.0
2017	ISC – XII	City Montessori School, Lucknow	98.0%
2015	ICSE – X	City Montessori School, Lucknow	97.0%

Honors & Awards

2018	**Academic Excellence Award**, Indian Institute of Technology,Kanpur
2015	**KVPY Scholarship Awardee,All India Rank 516**, Indian Institute of Science,Bangalore
2017	**INSPIRE Scholarship Awardee**, For research in Basic Sciences by Dept. of science and technology
2017	**ISC Merit Certificate Awardee**, Top 0.1% of ISC board aspirants.
2017	**UPSTSE Scholarship Awardee**, U.P. Science Talent Search Examination
2017	**All India Rank- 2642**, Joint Entrance Examination(Advanced), 2.5 lac candidates.
2017	**All India Rank- 4690**, Joint Entrance Examination(Mains), 1.5 million candidates.
2016	**Selected for OCSC Camp**, Indian National Astronomy Olympiad(INAO)

Projects & Experience

Saviour   *Kanpur,India*

FULL STACK DEVELOPMENT INTERN AT CSE DEPARTMENT,IIT KANPUR   *June 2017 - July 2017*

- The app aimed at bringing down the number of lives lost in car accidents by sending alerts to nearby Hospitals and Emergency Contacts.
- Smartphone sensors and feedback from IoT devices were used to detect jerks accurately.
- Won the 1st prize in final evaluation, the app was recognized as a potential start-up plan and useful for the society.

My Chat   *Kanpur,India*

ESC101 ADVANCE TRACK PROJECT UNDER PROF. INDRANIL SAHA   *Aug. 2017-Nov. 2017*

- Developed a real-time android chat app using Java and XML.
- Implemented all type file transfer and activity status.
- Implemented Message delete (before seen) feature before Whatsapp.

Skills

Languages	Java, C/C++, Python, Javascript
Utilities	Android Studio,Linux shell utilities, Git, LaTeX, Vim
Operating Systems	Arch Linux, Ubuntu

Course Work

Introduction to Programming	Multi variable Calculus	Linear Algebra and ODE
Electrodynamics	Mechanics(A∗)	General Chemistry(A∗)
Introduction to Economics(i)	Introduction to Game Theory(@)	Introduction to Machine Learning(@)

A∗: Grade for Exceptional Performance   *i: In progress*   *@: Audit*

Extracurricular Activity

Senior Executive,Web E-Cell, IIT Kanpur   *Mar. 2018 - Present*
Senior Executive,TOSC Techkriti, IIT Kanpur   *June 2018 - Present*
Academic Mentor Counselling Service, IIT Kanpur   *Apr. 2018 - Present*