

Yasharth Bajpai

SOPHOMORE · ELECTRICAL ENGINEERING

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“Experimenting is the way to learn.”

Education

Year	Degree	Institution	CGPA/%
July'17 – Present	B.Tech, Electrical 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(A*)	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