Arnav Pandey

Sophomore, IIT Kanpur

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EDUCATION

Indian Institute of Technology Kanpur, Uttar Pradesh, India
Bachelor of Technology, Mechanical Engineering,   *Oct'20 - Jul' 24 (Expected)*
DDEC Kanpur, Uttar Pradesh, India
High School, (92.2% -CBSE),   *Jul' 20*
Sheiling House School Kanpur, Uttar Pradesh, India
Secondary School Certificate, (96% -ICSE),   *May' 18*

AWARDS & ACHIEVEMENTS

Was awarded the **UPSTSE scholarship** by:-
the **UP Science & Technology Council (Govt. of UP,India)**

Secured **99 percentile** in JEE Advanced 2020 amongst 250,000 candidates
Secured **99.24 percentile** in JEE Main 2024 amongst 12,00,000 candidates
TOSC finalist- Was among the top 50 students across the nation in the Techkriti Open School Championship(TOSC),organized by IIT Kanpur

PROJECTS

Probability and Statistics:From Classical to Bayesian
got mentored by : The Stamatics Society,IIT-Kanpur   *Feb '21 - Jun '21*

- This was the project which I did under the Stamatics Society of IIT-Kanpur during my second semester in the year 2021.During the course of this project I worked with Bayesian Analysis and its computational applications.
- Got introduced to various famous problems such as the Birthday Paradox .

COURSEWORK

Introduction to Programming
Real Analysis and Multivariate Calculus
Linear Algebra
Ordinary Differential Equations

COMPUTER SKILLS

Languages: C/C++, MATLAB, LaTeX
Robotics: ROS(Robotics Operating System), AutoCAD,Fusion 360
Web Development: HTML5,CSS
Tools: Git, Excel

EXPERIENCE

Team member,AUV-IITK: Autonomous Underwater Vehicle(AUV)-IITK is team of tech enthusiasts ,who are primarily engaged in the advancement of marine technologies.The team builds AUVs and participates in various international and national events ,such as RoboSub,SanDiego CA (USA) and Indian National Student AUV competition organized by National Institute of Ocean Technology(NIOT) Chennai,India.   *Apr'20 - Present*

EXTRA CURRICULARS

Techweek 2020-21: Led a team of 6 in the 7-day long tech event & stood in top 5 teams out of 120+ teams which participated in the event.
Entrepreneurship Cell,IIT Kanpur: Was a volunteer at the E-Cell,IITK during which I worked at the logistical end for the vaious events conducted by the cell.