

ABHINANDAN SHUKLA

Second Year Undergraduate Student
Mathematics and Scientific Computing
Indian Institute of Technology, Kanpur

Phone: 7755058002
Email: abhinand@iitk.ac.in,
abhinandan.mymail@gmail.com

ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute(Board)	Performance
2014-Present	Bachelor of Science	Indian Institute of Technology, Kanpur	8.7/10
2014	AISSCE(Class XII CBSE Board)	D.P.S Kalyanpur, Kanpur	94%
2012	AISSCE(Class X CBSE Board)	D.P.S Kalyanpur, Kanpur	10/10

SCHOLASTIC ACHIEVEMENTS

- Secured an All India Rank 861 in IIT JEE (Advanced)-2014 amongst 1.4 million candidates
- Secured Rank 5 in UPSEE-2014 among more than 183,000 candidates.
- Among the top 300 students who qualified for Indian National Chemistry Olympiad(INChO) and Indian National Physics Olympiad(INPhO) and awarded with the Certificate of Merit in INChO in the year 2013.
- Scored 100% marks in Mathematics in Class XII CBSE Board Exam.
- Selected for the prestigious INSPIRE Scholarship for the year 2014-2015 and 2015-2016.

RELEVANT COURSES

Data Structure and Algorithms	Probability and Statistics	Linear Algebra & Abstract Algebra
Introduction to Computing	Real Analysis & Multi Variable Calculus	Ordinary Differential Equation
Introduction to Cognitive Sciences	Introduction to Electronics	Mathematical Logic

PROJECTS

- Transformers Car under Dr. Anish Upadhyaya, MSE,IITK (Course Project) Aug 2015 - Nov 2015
 - Manufactured a truck cum robot using various manufacturing processes like welding, brazing, sheet metal, casting etc.
 - The truck could be transformed into a standing robot by moving its components and converting them into arms, head etc.
 - Were awarded the Second Best Project among 16 other projects.
- City News ,Microsoft Code.Fun.Do Sep 2015
 - Created a news app in 24 hours using Visual Studio and Microsoft Azure services and Designed the front end using XAML.
 - The app delivered news to its users based on the filters provided by them like place, topic, date etc.
- Electromaia, ECDC, Techkriti Mar 2015
 - Made a hand held game playing device on a self made 8X8 LED matrix.
 - Programmed the LED Matrix through microprocessor atmega16 and qualified for the final round.

TECHNICAL SKILLS

Programming Languages: C/C++, JAVA, HTML5, MySQL, CSS3, JavaScript
Platforms/Tools: L^AT_EX, Matlab, Git, OpenCV, Arduino, Atmega, Raspberry Pi

POSITION OF RESPONSIBILITY

- Student Guide July 2015 - Present
 - Guided and mentored 6 freshmen students and ensured their smooth induction into the campus by providing them emotional and academic assistance and also helped in organizing the Orientation Program for the incoming batch of 830 students.
- Academic Mentor July 2015 - Present
 - Helped the freshmen batch academically in the subjects MTH101 and MTH102 by taking Doubt Clearing Sessions, Remedial Classes and did individual mentoring for academically deficient students.
- Principal Security Officer, Udghosh 2015 October 2015
 - Worked in a 4-Tier Security Team and managed the security arrangements of various events and shows of Udghosh.
 - Lead a team of 14 students consisting of 2 SSO and 12 SO and together helped in smooth organization of all the events.

EXTRA-CURRICULAR

- Participated regularly in badminton and Hindi Sahitya Sabha Events.