

Yash Srivastav

Freshman – Computer Science and Engineering – IIT Kanpur

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Educational Qualifications

Bachelor of Technology, Computer Science and Engineering

July'15-Present

CPI : 9.44

Indian Institute of Technology, Kanpur

All India Senior School Certificate Examination(AISSCE) - CBSE

2015

Overall Percentage : 96.6%

Birla High School, Kolkata

Indian Certificate of Secondary Education(ICSE) - CISCE

2013

Overall Percentage : 96.6%

The Assembly of God Church School, Kolkata

Academic Achievements and Scholarships

- All India Rank **105** in Joint Entrance Exam Advanced 2015
- All India Rank **288** in Joint Entrance Exam Mains 2015
- Qualified **pre-final level** of Special Class Railway Apprentice (SCRA) Examination 2015
- Qualified National Standard Examination in Chemistry (NSEC) 2015
- All India Rank of **12** in Kishore Vaigyanik Protsahan Yojana 2015

Projects

- **Robocon 2016** Oct'2015 - Mar'2016
Supervisor : Prof. Bhaskar Dasgupta (IIT Kanpur)
 - Developed two robots out of which one was autonomous
 - Game field consisted of ramps and turns
 - The autonomous robot, which does not contain a driving actuator, must traverse the game field using the energy provided to it by other robot in form of a non contact force.
 - Was Involved in Image processing used in the autonomous robot for color detection and line following
 - Came **3rd** out of 105 teams participating in Nationals at Pune, India
- **Code.Fun.Do** Sep'2015
Microsoft India
 - Developed an App to help connect teachers and learners in a 24 Hour Hackathon
 - Used cross-platform Universal App Platform for Windows 10
 - Was selected as one of the best five ideas

○ **Connect 4**

Artificial Intelligence

- Developed a Java Application to play a game of connect 4
- Uses optimized negamax algorithm
- Link : Connect 4

Technical Skills

Computer Languages	C/C++, C#, Java, Python, Javascript(Beginner)
CAD	SolidWorks, AutoCAD
Tools	Git, Vim, \LaTeX
Operating Systems	Windows, Linux(Debian)
App Development	Windows
Miscellaneous	OpenCV, Visual Studio, AI and Game Theory

Relevant Courses

Linear Algebra and O.D.E	Fundamentals of Computing	Introduction to Mechanics
Introduction to Electrodynamics	Introduction to Calculus	Partial Differential Equations
Engineering Graphics	Introduction to Organic, Inorganic and Physical Chemistry	

Other Interests

- Image Processing
- Artificial Intelligence
- Robotics
- Machine Learning
- Web Development