

Yash Srivastav

Freshman, Computer Science and Engineering – IIT Kanpur

✉ yashsriv@iitk.ac.in • 🌐 <http://home.iitk.ac.in/~yashsriv> • 🌐 yashsriv

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, L ^A T _E X
Operating Systems	Windows, Linux(Debian)
App Development	Windows
Miscellaneous	OpenCV, Visual Studio

Other Interests

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