Yash Srivastav

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Educational Qualifications

B.Tech, CSE	July'15-Present	IIT Kanpur	CPI : 9.44
AISSCE - CBSE	2015	Birla High School, Kolkata	: 96.6%
ICSE - CISCE	2013	AG Church School, Kolkata	: 96.6%

Academic Achievements and Scholarships

JEE Advanced	2015	AIR **105**
JEE Mains	2015	AIR **288**
NSEC	2015	Qualified
KVPY	2015	AIR **12**

Projects

○ **Robocon 2016**   *Supervisor : Prof. Bhaskar Dasgupta (IIT Kanpur)*   *Oct'2015 - Mar'2016*
  - Developed two robots out of which one was autonomous on a game field consisting of ramps & turns. The autonomous robot, which did not contain a driving actuator had to traverse the game field using the energy provided to it by other robot in form of a non contact force.
  - I was involved in **Image Processing** used in the autonomous robot for **color detection** and **line following** to traverse the arena
  - Came **3rd** out of 105 teams participating in Nationals at Pune, India

○ **Code.Fun.Do**   *Microsoft India 24 Hour Hackathon*   *Sep'2015*
  - Developed an App to help connect teachers and learners
  - 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, SQL
Operating Systems	Windows, Linux(Debian)
App Development	Windows
Miscellaneous	OpenCV, Visual Studio, AI and Game Theory

Other Interests

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