



Yash Agrawal

Education

- 2016–present **Electronics and Communication Engineering**, *Indian Insitute of Technology, Roorkee, Roorkee, India, Grade-7.04.*
UG Second Year(B.Tech.)
- 2014–2016 **IntemEDIATE/+2**, *Sunbeam English School, Bhagwanpur, Varanasi, .*

Projects

- May18 **Say No To GTK+ 2**, *Google Summer of Code.*
3 months open source contribution program to improve and ensure long term support of 25 different sugar activities.
- March18 **STEPS**, *Smart India Hackathon.*
Developed in 30 hrs, STEPS is a platform that provides information about various incubators in India and compare them on multiple factors, making incubator selection procedure easy for startups.
- January18 **Desktop Client Development**, *Sugar Labs.*
Active contribution to an open source organization Sugar Labs, which develops free software under OLPC initiative. Technology used: GTK+, GStreamer, Pango, GObject (all in python)
- November17 **Development of 24-bit RISC Processor**, *Course Project.*
Course Project for CSN221: Computer Architecture and Microprocessors under the guidance of Prof. Vaskar Choudhary(Computer Science Dept. IITR
- May17 **BookShare**, *Microsoft Code.fun.do.*
A webapp where people can communicate and share their Books.
- July17 **PREDICTx**, *OpenAI Hackathon.*
Developed an Machine Learning model which predicts grades based upon your performance and suggested corrective measures
- April17 **Staring Robot**, *Srishti'17.*
The Head of the robot points to a person inside a room using OpenCV.
- June17 **Backend Work on Django**, *cosax.*
A startup which provide an online virtual bridge to connect your idea and your team.
- June17 **ExpectationsIITR**, *Geek Gazette.*
A website made to make life of Freshers in IITR easy. All the Info from Groups to Eateries in the City

Jan17 **Geek Gazette official website**, *Geek Gazette*.

Geek Gazette is the official communique for the inquisitive, neophilic and largely tech savvy junta of IIT-R. It is a one of a kind magazine that shares your passion for new gadgets, latest technology and breakthroughs in science.

Involvements

1. **Geek Gazette| Web Team Head**
1. **Sugar Labs| Owner, Contributor**
2. **Prama Jyoti Foundation| Developer**
3. **Tides Incubation Center, IITR| Developer**
4. **National Service Scheme IITR| Member**

Computer skills

Programming Java, Python, C/C++
CV Jupyter-Notebook, OpenCV
Web HTML5, CSS, JavaScript, JQuery, PHP, WordPress
Library NumPy, Matplotlib, Pandas, IPython, SciPy
Frameworks Django, SASS, Angular.js, GTK+, GStreamer
Utilities Git, Linux-Shell, Vim, Sublime, SQL

Courses

1. Data Structure
2. Object Oriented Programming
3. Computer Architecture
4. Digital Logic Design
5. Signal and Systems

Achievements

AIR 1258 in JEE Advanced 2016
Scored 99.9 percentile in JEE MAIN 2016

Links

LinkedIn yashagrawal
Github yashagrawal3