

Ayush Agarwal

DG - 10, Jawahar Bhawan, IIT, Roorkee, Uttarakhand - 247667

📧 ayushagarwal.ml

✉ aagarwal9782@gmail.com

🌐 aagarwal1012

☎ +91 97821-90969

EDUCATION

Indian Institute of Technology, Roorkee
BTech in Computer Science GPA: 9.338

Roorkee, India
July 2017 - Present

Jaipuria Vidyalaya
Senior Secondary Education, CBSE (93.8%)

Jaipur, India
April 2015 - June 2017

ACHIEVEMENTS

- Our team Debug Thugs stood among **Top 5** teams out of 52 best teams selected from all over India at **India's biggest community hackathon, InOut 2018**.
- Secured **All India Rank 368** in **JEE Advanced - 2017** among 2,20,000 students.
- Secured **All India Rank 350** in **Joint Entrance Exam Main - 2017** among 1.5 million students.
- Secured **All India Rank 81** in **Kishore Vaigyanik Protsahan Yogana (KVPY 2017)** and was awarded with prestigious KVPY scholarship.
- Cleared **National Standard Examination in Chemistry (NSEC 2017)** and got Certificate of merit for being **top 1%** in country.
- Secured **All India Rank 325** in **Kishore Vaigyanik Protsahan Yogana (KVPY 2016)** and was awarded prestigious KVPY scholarship.

PROJECTS

Liquid Pull To Refresh

Flutter

December 2018 - Present

- A custom and beautifully designed refresh indicator for flutter.
- The repository has **100+ stars** on Github.

Animated Text Kit

Flutter

July 2018 - Present

- A flutter package which contains a collection of some cool and awesome text animations.
- The repository has **170+ stars** on Github.

IntroViews

Flutter

June 2018 - Present

- A Flutter package for some material design app intro screens with some cool animations.
- The repository has **140+ stars** on Github.

Flutter Spinkit

Flutter

June 2018 - Present

- A Flutter package which contains the collection of loading spinners.
- Made in collaboration with Jeremiah Ogbomo and currently the repository is having **450+ stars** on GitHub.

GreenWay

Android

October 2018

- A mobile based product which records the road quality in runtime and processes on algorithms indigenously.
- Selected among **Top 5** teams among 52 best teams at InOut 2018.

Image Steganography

Android

May 2018 - Present

- An android library which automates the process of hiding a secret message in an image.
- This library uses the LSB Embedding algorithm proposed by Rosziati Ibrahim and Teoh Suk Kuan in their Research Paper published on February 25, 2011.

Home Automation

Arduino

April 2018 - May 2018

- Project taken under the Digital Logic Design [ECN - 104] course.
- We develop a home automation system using an Arduino board with Bluetooth being remotely controlled by any Android OS smartphone.

My website

ayushagarwal.ml

March 2018 - Present

- Static website built via Jekyll and hosted by GitHub Pages.

UKnow!?

Android

January 2018 - February 2018

- Successful submission of Microsoft Code.Fun.Do 2017 online round.
- This app takes a virtual interview and predicts the score using machine learning.

EXTRA-CURRICULAR

Mobile Development Group

Developer

IIT Roorkee

July 2018 - Present

- Involved in developing mobile applications for campus students as well as open to Internet.
- Involved in organizing various lectures and workshops for the students.

National Service Scheme

Member

IIT Roorkee

July 2017 - May 2018

- Active member of Sponsorship cell.
- Found many sponsors for the various events conducted by NSS.

Apex Body

Academic Prefect

Jaipuria Vidyalaya, Jaipur

April 2016 - March 2017

- Active member of school's Apex Body.
- Involved in coordinating all the stuffs related with academics.

SKILLS

OS: GNU/Linux, Windows

Programming Languages: C++, Java, Dart, \LaTeX , Python, Javascript

Frameworks: Flutter, Android, Django

Software: Android Studio, Sublime Text, Git, VS Code, Adobe Illustrator, Adobe Photoshop

Languages: English, Hindi