

Ayush Agarwal

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EDUCATION

Indian Institute of Technology, Roorkee
BTech in Computer Science GPA: 9.468

Roorkee, India
July 2017 - Present

Jaipuria Vidyalaya
Senior Secondary Education, CBSE (93.8%)

Jaipur, India
April 2015 - June 2017

ACHIEVEMENTS

- 2017 **All India Rank 368**, Joint Entrance Exam Advanced; 150,000 candidates.
- 2017 **All India Rank 350**, Joint Entrance Exam Mains; 1.5 million candidates.
- 2016 **All India Rank 81**, Kishore Vaigyanik Protsahan Yojana (KVPY).
- 2016 **National Standard Examination in Chemistry**, Qualified NSEC.

PROJECTS

Animated Text Kit

Flutter

July 2018 - Present

- A flutter package which contains a collection of some cool and awesome text animations.

IntroViews

Flutter

June 2018 - Present

- A Flutter package for some material design app intro screens with some cool animations.

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 278 stars on GitHub.

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.

UKnow!?

Android

January 2018 - February 2018

- Successful submission of code.fun.do 2018 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

Languages: C++, Java, Dart, L^AT_EX, Python, Javascript

Software: Android Studio, Sublime Text, Git, Visual Studio Code 2017

Languages: English, Hindi