

# Arnav Kumar

Design Technologist & Computer Security Enthusiast

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## EDUCATION

### IIIT DELHI

B.TECH

Computer Science And Engineering  
(2016 - Present)

CGPA: 7.37 / 10 (Till 4th Semester)

### APEEJAY SCHOOL PITAMPURA, NEW DELHI

CENTRAL BOARD OF SECONDARY  
EDUCATION (CBSE)

(2014 - 2016)

Percentage: 87.6%

### APEEJAY SCHOOL PITAMPURA, NEW DELHI

CENTRAL BOARD OF SECONDARY  
EDUCATION (CBSE)

(2012 - 2014)

CGPA: 9.6 / 10

## SKILLS

### LANGUAGES

Java • C • C++ • Python • HTML5  
CSS3 • Ruby • Javascript • Bash

### TOOLS

Ruby On Rails • Adobe Photoshop  
• Adobe Illustrator • Wordpress •  
MySQL • CUDA

## LINKS

Github://arnavpiscs

LinkedIn://in/thisisak

Twitter://@This\_Is\_Arn timer

## EXPERIENCE

RESEARCH INTERN | May 2018 - Present

### WEAVE LAB - IIITD

Advisor: Prof. Aman Parnami

Currently working on Braille OTG - a Portable wearable through which non-sighted people can read/write while on the move or in a compact situation as part of the Human-Centered Design Department at IIITD

SUMMER INTERN | May 2017 - July 2017

### SWARATH - IIITD

Advisor: Prof. Saket Anand, Prof. Sanjit Kaul

Worked on IIITD's Autonomous Car on Estimating & Following Straight Paths.

Developed Swarath's website.

## PROJECTS

GPU BASED STATELESS FIREWALL | May 2018 - Present

(Undergraduate Thesis)

Advisor: Prof. Sambuddho Chakravarty, Prof. Ojaswa Sharma

Currently developing practical infrastructure for stateless firewall acceleratable using a GPGPU, in order to achieve drastic improvements in speed in packet filtering and firewalling.

VAYU (MULTI PURPOSE DRONE) | Jan 2017 - Apr 2017

Advisor: Prof. Alexander Fell

Made a multi-purpose drone which can be used to detect broken roads and garbage and to deliver ration and first aid in inaccessible locations.

CLASSROOM BOOKING SYSTEM | Aug 2017 - Nov 2017

Advisor: Prof. Vivek Kumar

Made a JavaFx Application for booking classrooms and to register for courses.

## POSITIONS of RESPONSIBILITY

STUDENT MENTORSHIP PROGRAM | Mentor

May 2018 - Present

PHILOSOC (IIITD's PHILOSOPHY SOCIETY) | Coordinator

Jan 2018 - Present

DESIGN 360 (DESIGNATHON) | Organizer

June 2017 - Aug 2017

IIITD - MUN | Organizing Committee Member

Jan 2017 - Mar 2017

CULTURAL COMMITTEE | Member

Aug 2016 - Apr 2017

STUDENT COUNCIL | Member

Aug 2016 - Apr 2017