

AAYUSH GUPTA

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DOB: October 27, 1998

Address: 14 Cheema Nagar ext., Jalandhar City, Punjab



Education

Indraprastha Institute of Information Technology, Delhi

B.Tech(ECE)

2017 – Present

CGPA: XX

(till 4th Semester)

Bhupindra International Public School, Patiala(Punjab)

CBSE

2016 – 2017

Percentage:90.0

Apeejay School, Jalandhar (Punjab)

CBSE

2015 – 2016

DIPS U.E.-1, Jalandhar (Punjab)

CBSE

2003 – 2015

CGPA: 10.0

Skills

Expertise Area FPGA, Algorithms and Data Structures

Programming Language Python, Java, C++, Verilog

Tools and Technologies FPGA, ZYNQ, Matlab, ROS, Arduino,Vivado

Technical Electives Advanced Programming in Java

Internship

Swarath Project at IIITD(Research)

(June,18 –Aug,18)

Guide: Prof.Sanjit Kaul

Team Size: 4

Worked on a Self-driving vehicle which runs on ROS. I was responsible for the path detection algorithms and testing of the vehicle.

Projects

Smart Lock

(March,18 –
April,18)
Team Size-4

Implemented a smart IoT lock which can be securely controlled using smartphone. We used arduino for the same.

[Link](#)

Smart Lamp

(January,18 –
February,18)
Team Size-4

A smart lamp which can be controlled using a smartphone app. It had auto-adjusting brightness, reading light and its position could be controlled using the app.

[Link](#)

Snake and Block game

(October,18 –
December,18)
Team Size-2

Made a playable game using Java packages. The game was based on a similar game with same name.

[Github Repository](#)

Positions of Responsibility

- Member of Student Senate
 - Member of Electroholics
 - Organizing Team - Publicity - Odyssey '18
- (April,18 – April,19)
(August,18-Present)
(November,17-
January,18)

Awards and Achievements

- Cleared Online round of **ICPC Asia 2018** and went of Amritapuri Onsite round.
- Cleared both JEE mains and JEE Advanced with rank in Top 7k.
- Cleared NSEC(National Standard Examination in Chemistry) in 12th.
- Won Bronze Medal in Sahodaya(State Level) Project Competition in 10th

Interests and Hobbies

- Competitive Programming
- Badminton
- Swimming
- Foosball

Declaration: The above information is correct to the best of my knowledge.

Aayush Gupta

Date: March 15, 2019