

Alekh Gupta

Undergraduate- Student at National Institute of Technology, Hamirpur

Open-Source Enthusiast and Competitive Programmer

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EDUCATION

Bachelor of Technology in Computer Science National Institute of Technology, Hamirpur

07/2018 – Present

C.G.P.A. - 9.24/10

Sr. Sec. Education, C.B.S.E. Board D.A.V. Public School, Nahan

04/2016 – 03/2018

Percentage - 90.2

High School Education, C.B.S.E. Board D.A.V. Public School, Nahan

04/2006 – 03/2016

C.G.P.A. - 10/10

PERSONAL PROJECTS

2048 Game (02/2019 – 03/2019)

- It is a python version of famous 2048 game by Gabriele Cirulli.
- Made using tKinter and pygame

Web Server (05/2019 – 07/2019)

- It is a Web Server capable of hosting basic web pages written purely in C++ . Implemented using C++11 and Asio.
- Visit: https://github.com/alekhgupta1441/Web_Server

GUI Projects (08/2019 – 10/2019)

- A Calculator App. and a Paint App. made using Qt in C++ and Python.
- Visit: <https://github.com/alekhgupta1441/Calculator> and https://github.com/alekhgupta1441/Paint_App.

Tesla Car Race (01/2020 – 02/2020)

- A Car Race Game in which player should cover laps in minimum time.
- Made Using Unity Engine and C#.
- Visit: <https://alekhgupta1441.itch.io/explore-tesla-car-race>

TEAMS AND MEMBERSHIPS

Executive Member Team .EXE

10/2019 – Present

C.S.E. Departmental Team at NIT Hamirpur .

Volunteer GLUG - NITH

07/2018 – Present

GNU Linux users group for promoting Open-Source in our College.

TECHNICAL SKILLS

C

C++

Python

Qt

Flask

HTML/CSS

Shell Scripting

C#

MySQL

MATLAB

Skill

Linux

Vim

Git

Simulink

Wireshark

Apache

LaTeX

CMake

PyGame

tKinter

ACHIEVEMENTS

Got Second Prize in Zonal Cyber Security Workshop by IIT Bombay.

Got Global Rank 58 in January Long Challenge 2020 on Codechef Coding Platform.

Got selected for onsite coding round of ENIGMA PLINTH 2020.

COURSES

CSD-115 Basic Electronics Engineering

CSD-214 Microprocessor and Interfacing

CSD-215 Digital Electronics & Logic Design

CSD-311 Modelling and Simulation.

CSS-210 Probability & Queuing Models

CSD-221 Computer Organisation

CSD-223 Data Structures

INTERESTS

DSP

Software Development

UI Designing

Algorithm Analysis and Design