MAYANK DHIMAN

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EDUCATION

National Institute of Technology Hamirpur   *July 2017 - April 2021 (expected)*
Undergraduate   Overall GPI: 9.48/10
Computer Science and Engineering

TECHNICAL STRENGTHS

Computer Languages	Proficient in C, C++, Python. Worked with Javascript, MATLAB, Octave
Technologies & Tools	Git/GitHub, Flask, Django, ReactJS, PyQt, SciPy, NumPy, Matplot, HTML/CSS

WORK EXPERIENCE

Google Summer of Code   May 2019 - August 2019
Student Developer   *Remote*

· I worked with an open source organizations AerospaceReasearch.net on developing a PyQt5 based application called VisMa (Visual Maths). This project is capable of solving mathematical equations displaying each and every step involved. My work during summer was focused on back-end of this tool, where I included many new features and refactored the code-base in general. Aim of the project is to be used as a teaching aid in schools/colleges and to be used in research work for solving complex equations.

PROJECTS

VISMA: VISual MAth

Developed a PyQt based cross-platform application, capable of solving mathematical equations on its own, while displaying steps involved in the same. Currently working on integrating scanner for handwritten equations.

BookVibes: Book Recommending System

Worked on Book-Crossings Data set and created a simple correlation based book recommending system in Python. Integrated recommending system in a Flask based Web App Book Vibes

ACHIEVEMENTS

Among top 0.1% students of my college in terms on GPI & **topper of my batch**

Among top 3 teams in Hack 3.0, a theme based Hackathon conducted by CSEC-NITH

POSITIONS OF RESPONSIBILITY

Computer Science and Engineering Community (CSEC)   August 2018 - Present
Executive Member   *NIT Hamirpur*

· Played a part in conducting Algorithmic Programming Meets in College
· Problem setter at Heuristics (Competitive Programming Contests) on HackerEarth

EXTRA CURRICULARS

Competitive Programming - Regular participant in various competitive programming competitions.

Volunteer Lead at GLUG-NITH - Gave talk on Google Summer of Code to 100+ audience. Played important part in organising events like Software Freedom Day.