

Mayank Vaishya

I am pursuing my Bachelor's in Electronics and Communication Engineering from Punjab Engineering College, Chandigarh. I am proficient in Data Structures and I have a keen interest in Data Science and Machine Learning.



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PORTFOLIO WEBSITE

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SKILLS

- Python3 EXPERT
- Data Structures EXPERT
- Machine Learning INTERMEDIATE
- Data Science INTERMEDIATE
- Web Scraping INTERMEDIATE
- SQL INTERMEDIATE

EDUCATION

- COLLEGE**
Punjab Engineering College CGPA-8.5
07/2018 – Present
- Electronics and Communication Engineering
- SCHOOL – XII**
S.G.H.M.S, Chandigarh % - 84.2 %
06/2017 – 06/2018
- CBSE Board

ACHIEVEMENTS

- I was one of the top international participants in Mitacs programme and was awarded an internship.
- I was one of the finalists in Code For Good

SOFT SKILLS

- Creative Problem Solving
- Interpersonal Skills
- Team player
- Adaptive

WORK EXPERIENCE

- Globalink Research Intern**
York University, Canada 05/2021 -- Present
- I am an international intern in York University, I was selected through the Mitacs programme and I was assigned the project "Application of deep learning to water resources management".
- Project Assistant Intern**
CSIO-CSIR 01/2021 – 05/2021
- I was an intern in the Biomedical and Instrumentation division, where I developed an Application Program for a dialysis machine which includes its GUI and working with Raspberry pi and Arduino.
- Project Assistant Intern**
CSIO-CSIR 11/2019 – 01/2020
- I was mentored and guided by Mr. Amit Laddi, a CSIO scientist in the Biomedical and Instrumentation division, where I developed an intelligent attendance system using facial recognition.

PROJECTS

- TEXT FILE COMPRESSOR** 07/2019 – 07/2019
- The program uses Huffman coding to compress a given text file and convert it to a zip file thus, reducing its size.
- INTELLIGENT ATTENDANCE SYSTEM** 11/2019 – 01/2020
- This project provides us with a better alternative to the traditional roll call. Using facial recognition, it recognizes the face of the person in front of the camera and registers his/her name in an excel sheet complete with respective date, attendance time, and student ID. This project aims to save precious time and energy which is otherwise being wasted due to the manual process.
- 2048 GAME** 05/2020 – 05/2020
- This is a program complete with a GUI of the 2048 game which can be played using the keyboard.
- INSTAGRAM BOT** 08/2020 – 08/2020
- This program creates an automated bot which can be used in various ways to boost your profile (follower count) or extract information from the millions of Instagram handles.
- NEURAL MACHINE TRANSLATER** 02/2021 – 02/2021
- This program creates a French to English translator using recurrent neural networks.