Rishabh Malik
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ACADEMIC DETAILS

Examination	University/Institution	Year	CGPA%
M.Tech in Computer Science and Engineering	IIIT Hyderabad	2022	
B.Tech in Computer Science and Engineering	Graphic Era deemed to be University	2020	9.31
12th	Raja Rammohan Roy Academy	2016	90.6
10th	Raja Rammohan Roy Academy	2014	91.6

TECHNICAL SKILLS

- **Languages** (C, C++), **Database** (Oracle), **Script** (Python), **Tools** (Orange, Octave, Spyder)

PROJECTS

- **ATM Anomaly Detection via self-made feature descriptor**
  (Guide : Dr. Vikas Tripathi, May, 2018)
  - Objective : Implementation of self designed feature extraction technique named Block Block for detection of anomaly in ATM.

- **Multi Group Chat System**
  (Guide : Dr. Vikas Tripathi, July, 2018)
  - Objective : Implementation of a client-server based chat system where users can form different groups to chat using socket programming in c++.

- **8085 Microprocessor Simulator**
  (Guide : Akshay Rajput, October, 2017)
  - Objective : To build a simulation of the 8085 microprocessor for learning, practicing and debugging assembly language purpose.

PUBLICATION

- **An efficient vision based elderly care monitoring framework using fall detection, Journal of Statistics and Management Systems, Volume 22, Pages 603-611, 2019**
  (Guide : Dr. Vikas Tripathi, Feburary, 2019)
  - Objective : The principle goal of this paper is to design a vision-based fall detection framework for the elderly people

INTERNSHIPS

- **RWX Technologies**
  (June - July, 2019)
  - **MNIST digit recognition**
    * Objective : Implementation of ANN with one hidden layer using backpropagation algorithm on MNIST dataset which later can help our machine to identify a given numeric digit.

  - **Parallelization of image processing operations**
    * Objective : Image processing operations like sharpening, smoothening and rotation are parallelized using threads in C++.

- **Technical Content Writer at GeeksForGeeks**
  (August - September, 2018)
  - Published several articles on Theory Of Computation and Automata, Microprocessor and Algorithms.

ACHIEVEMENTS

- Graduate Aptitude Test in Engineering (Computer Science) 2020, AIR 770 out of 97481 candidates

- Qualified IIIT Hyderabad Post graduate Entrance Exam and got admission in Mtech in Computer Science

- Gold Badge(6 star) in Problem Solving at Hackerrank