

Mehthab Saheba Shaik

A-212 Paarijat, IIIT Hyderabad, India - 500032

+91 8187087168

✉ mehthabsaheba.s@students.iiit.ac.in

Education

- 2016–2020 **B.Tech (Hons.), Electronics and Communications Engineering**, *International Institute of Information Technology (IIIT)*, Hyderabad, India, *CGPA - 7.92/10*.
- 2014–2016 **Senior Secondary, Telangana Board of Intermediate Education**, *Sri Chaitanya Junior College*, Hyderabad, India, *Percentage - 96.3*.
- 2012–2014 **Secondary, ICSE**, *Gitanjali Senior School*, Hyderabad, India, *Percentage - 95.33*.

Projects

- Python/C++ **Ultimate Tic-Tac-Toe (UTTT) Bot**.
Developed an agent that guesses the optimal move using minimax algorithm with alpha-beta pruning, and a smart heuristic function.
- C **Linux Shell**.
Created a bash shell with features like piping, redirection, background & foreground processes, etc.
- Python **Dropbox**.
Used socket programming to develop a dropbox like application that downloads files from a peers storage directory and vice-versa.
- C++, CUDA **Parallel Recommender System**.
Implemented parallel SVD for learning recommender matrix.

Research

- August 2018 – present **Honours Research**, *Center for Algorithms and Security Research*, IIIT Hyderabad.
Working on a 'Neural ODE for ResNet' project under Dr. Pawan Kumar.

Work Experience

- Summer '19 **Automation Test Engineer Intern**, *MentorGraphics*.
Worked on VeSys suite - used some java and oracle databases

Relevant Courses Taken

Statistical Methods in AI, Computer Programming, Data Structures, Algorithms and operating Systems, Discrete Mathematics, Group Theory & Linear Algebra, Probability & Random Processes, Computer Architecture, Communication Networks, Intro to Parallel Scientific Computing, Topics in Applied Optimization, Mobile Robotics