

Avinash Keerthi

Contact

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Education

Hyderabad 2019-08 to 2023-05

Institute of Aeronautical Engineering College

B.Tech(ECE): 87.1 (Percentage)

Hyderabad 2017-06 to 2019-05

Sri Gayatri Junior college

MPC: 95.6 (Percentage)

Bhupalpally 2017-05

Montessori High School

Class 10(SSC): 97 (Percentage)

Projects

Alarm Clock(using Python and GUI)

I have successfully made the Alarm Clock using Python. I used the python GUI Tkinter library for rendering graphics on a display window. I have extracted the current time from the computer using the DateTime library, which rings with the default machine sound for Windows at set time.

Karplus-Strong algorithm(using MATLAB)

The Karplus-Strong algorithm belongs to the signal processing of digital waveguide synthesis. This algorithm is an audio synthesis algorithm which synthesises the sound of a plucked string or drums at low computational complexity using MATLAB. I have worked on the creation of function which produce

Hardworking and passionate for taking up challenging roles and associate with an organization. Willingness to learn new technical skills and apply them in day to day problems.

► Personal Skills

Integrity

Adaptability

Problem-solving

Communication

Leadership

► Professional Skills

Python

C(Basics)

HTML

► Coding Profiles

[CodeChef](#)

[Hackerrank](#)

[Codeforces](#)

[InterviewBit](#)

[LeetCode](#)

► Achievements

2021-11

Certificate of Participation for CodeChef
SnackDown 21

2022-03

Certificate of Participation in Go Solar workshop
conducted by Robokart

2022-06

HackerRank ProblemSolving assessment
certificate

2022-06

HackerRank Python assessment certificate

► Extracurricular Activities

Captain for House in Annual Sports & Cultural
Meet