Siddarth Reddy Gurram

Student at Mahindra University

I am an Artificial Intelligence student at Mahindra University with interests in Machine Learning, Natural Language Processing, Cloud Management and Human-Computer Interaction. I am a good debugger.

siddarthreddygsr@gmail.com

+91 7386642433

siddarthreddygsr.github.io

linkedin.com/in/siddarthreddygsr in

github.com/siddarthreddygsr

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EDUCATION

B. Tech Mahindra University

06/2020 - Present

Bahadurpally , Hyderabad

Courses

Artificial Intelligence

12th Grade

Sri Chaitanya Junior College

06/2018 - 06/2020

95.4

PERSONAL PROJECTS

E.R.I.C - the composer

- Eric is an A.I. bot who is trained on instrumental music using LSTM.
 Eric is capable of producing his own Piano music.
- https://github.com/siddarthreddygsr/CTsh.
- Sample Audio: <u>Link to mp3</u>.

Audio Reactive Visuals

- We trained NVidia's StyleGAN3 for 5 days on the DGX-1 utilizing 8 GPU's on around 6000 landscape images scraped from reddit.
- We used the output pkl files to generate the video which is responsive to the input audio file. Sample Video: <u>Video link</u>.

R.E.C.O.N

- Mentor: Praveen Kumar Alapati
- We setup Raspberry Pi cluster with VLAN's on a managed switch
- Setup docker, kubernetes , SLURM and ansible
- Grafana + Prometheus monitoring to monitor the status of the Raspberry Pis, Grafana Alerts to send alerts on discord when something is unusual

SSHmon

- A SSH monitoring tool that starts as a systemd process whenever the server power's on and logs every keystroke(excluding passwords) for improved security logs
- https://github.com/siddarthreddygsr/SSHmon

CyberTrauma Shell

- A basic C++ shell interface that accepts user commands, then execute each command in a separate process.
- It provides a history feature that allows the user to access the most recently entered commands.
- https://github.com/siddarthreddygsr/CTsh

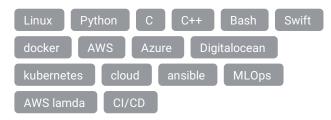
SwiftUI Projects

- Spot-Menu: Built a simple easy to understand UI that hooks up to Spotify app on Mac and displays the current playing song along with some quick reach controls. Github Link
- Bull Game: Built a game in SwiftUI. Github link

VS Code Theme

- A VS code theme that hit 1200+ downloads
- VisualStudio Marketplace link

SKILLS



EXPERIENCE

Junior System Administrator (09/2022 - Present)

I am responsible for managing users and basic linux administration and also the security of the cluster and cross node networking.

ORGANIZATIONS

Enigma - The Computer Science Club Vice-President

LICENSES & CERTIFICATIONS

NVIDIA DLI - Natural Language Processing

Awarded for the successfully **Building Transformer-Based Natural Language Processing Applications.** Certificate

INTERESTS

