**MAMIDALA RAMU**

+919154207292

[ramukumarlucky@gmail.com](mailto:ramukumarlucky@gmail.com)

<https://github.com/mamidalaramu>

<https://www.linkedin.com/in/mamidala-ramu-832815154>

**EDUCATION**:

Bachelor of Technology in Aeronautical engineering 2017 – Exp. 2021

MLR Institute of Technology, Hyderabad

GPA: 6.7 (Up to 3rd Year 1st Semester)

**Certifications**:

* Coursera python data structures

<https://coursera.org/share/bdfbb5b9b0502c47de6a2689fec77e9f>

* Coursera Digital Manufacturing and Design

<https://coursera.org/share/b0078d2c6122d34f1d0eced8854f149f>

* MathWorks Deep learning

<https://matlabacademy.mathworks.com/progress/share/certificate.html?id=607ce38a-44f2-4638-9080-846dc21f023b>

* MathWorks MATLAB Onramp

<https://matlabacademy.mathworks.com/progress/share/certificate.html?id=8c2fc3e3-1c4c-475f-acd4-9a23751ab8a3>

* TATA STEEL Capability development for Fuel and Combustion

**MOOCs**:

* Neural Networks and Deep Learning by deeplearning.ai on coursera.
* Introduction to [engineering mechanics](https://coursera.org/share/12aec9f6e4a09341ccc324790c371433) by Georgia institute of technology on Coursera.
* Covid-19 What do we need to know? ([CME Eligible](https://www.coursera.org/account/accomplishments/records/GKUMVPU249KE?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)) by Osmosis on Coursera.

**TECHNICAL SKILLS**:

Languages: C, Python, C#, Beginner in Machine learning

**Software & Frameworks:**

● Unity3D, Blender3D, CatiaV5, MATLAB, ANSYS, SolidWorks.

**PROJECTS**:

* Detections of Landmines using Thermal Imaging techniques over drone.
* Performance of tapered wing with raked winglet for a modeled plane.

Analysis of tapered wing with and without raked winglets is done using ANSYS software.

* Larvicide spraying drone.

Using drone, pesticides, nozzle and a gimbal axis system pesticide is sprayed over a field or an area in less time.

* Haunt down- Developer

Haunt down is a puzzle game about a person in a haunted house trying to escape.

This game is made using unity3d.

Game link- <https://mamidalaramu.itch.io/huntdwn>

* Survive- Developer

Survive is a action-adventure game. Player controls Jakob a protagonist, survives in the post-apocalyptic world and to defend ourselves from mutated strains of cordyceps fungus.

This game is made using unity 3d.

Game link- <https://mamidalaramu.itch.io/survive>

**Co-Curricular Activities & Achievements:**

* Best flight team in IAAA drone racing competition -2019
* Best project award for Detection of Landmines using thermal imaging techniques.
* My blender3d art- <https://blenderartists.org/search?q=%40Mamidalaramu>
* Blog- <https://theambiguousart.blogspot.com/>
* Itch.io - <https://mamidalaramu.itch.io/survive>