**Sonti Sai Dinesh**

**EDUCATION**

* **B.Tech Electronics And Communication Engineering**

**CGPA – 6.66 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 88.4% **2019**

Institution:

* **Class 10** – 97% **2017**

Institution:

**TECHNICAL INTERESTS**

Machine Learning, Arduino

**PROJECTS**

**Classifying a complex N x N dimension dataset   
without any predefined class**

Can classify any data set with any dimensions based on any number of attributes

Used K-means clustering

**Railway Tracks Crack Detection Robot**

Detects the crack on the railway track and sends the message to the mobile with the help of arduino, IR sensor ,ultrasonic sensor and GSM module.

**A High Speed Architecture for Ring Binary LWE using Karatsuba Algorithm**

Designed a high speed architecture which uses less clock cycles to decrypt the message by using karatsuba algorithm.

**TECHNICAL SKILLS**

Arduino, C

**LANGUAGES**

English, Telugu, Hindi