

INTERNSHIP REPORT

**IOT
DEVELOPER**

A program to encode and decode morse code

SUNEEL

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Encoding and Decoding of Morse code

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EXPOSYS DATA LABS

INSTRUCTIONS

- 1.Start and Run the program
- 2.Enter a text, for e.g.: “my name”
- 3.choose the given option for encoding or decoding your text.
- 4.choose “1” for encoding.
- 5.choose “2” for decoding.

Morse code is language that was used to send messages by telegraph from the middle of 19th century.

Those were the days were only some sort of signals or symbols were used to convey messages before the modern day mobile phones were discovered.



THE PROCESS

EXPERIENCE

The process of creating this program starts from understanding and gaining knowledge about the Morse code. At first it was so difficult to learn the Morse code. It was even tougher to get remembered of the correct symbols. Once we got used to it was a bit easier to proceed with our program. We used variable social networks to get to know about Morse code. Actually, it was a bit tougher than we thought.

WORK HISTORY

Then we proceeded with the program in python. Python was not a new platform for us. We have already studied the basics of python programming in our 1st year of Engineering. so we were able to frame the outlook of this project. But getting to know more we understood that with just basic knowledge we cant design a complicated program of Encoding and Decoding.

We are so thankful for your esteemed company to give us a chance in your company as a intern. Though it was our first internship, we enjoyed a lot and It was a great pleasure working on this project and we are so glad that we gained tons of knowledge working on this project.

So we started to search and understand a few complicated keyword's that will be useful to us. In search of key words we gained a lot of knowledge in python which we thought would be so easy to run a program or build an web. This was a great lesson for us for learning.

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Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Mr. SUNEEL** has completed internship programme on **“IOT Developer”** from 18.10.2021 to 17.11.2021.

He took keen interest in work assigned and successfully completed it. During the period of internship we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

Y Vishnuvardhan

Chief Director



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Conclusion:

The project as a whole describes the use of Morse code will be heightened due to this program creation to fully understand it. Here, we created a program to Decode and Encode the Morse code, which will be of a greater use in the upcoming future.

THANK YOU,

SUNEEL

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