

Riddle Me This Writeup

I am a method, ancient and fine,
Invisible to the ordinary line.
To break my code, you'll need more than sight,
Follow the rails, for I am the knight.

Descending down, then rising again,
Like a zigzagging train on a mountain terrain.
Two fences high, my secret I weave,
Decrypt me right, and my code you'll retrieve.

--[----->+<]>-----,+.,+. [--->+++++

<>,+,+,+,+,+,+,+,+,+-----.+[------>+<]>+,++.

HSTAF88B13AAKOCFFA55471A6C86E711}CC{4B978978

We look at the riddle and get some hints, specifically of interest is *follow the rails* and *two fences high* which may hint towards a railfence cipher.

For a railfence cipher to work we'll need to have a dictionary, which is what the Brainfuck is

[illegible]

We then decode it using the information we have...

Alphabet and Key:

Standard

abcdefghijklmnopqrstuvwxyz1234567890{}

Rail Key:

3

Plaintext:

hacksocctf{faa45f5b487918a76bc88169e3771a18}

Encrypt

Slow Encrypt

Ciphertext:

HSTAF88B13AAKOCFFA55471A6C86E711}CC{4B978978

Decrypt

Slow Decrypt

Options:

Cryp
Corr

That's our flag!

hacksocctf{faa45f5b487918a76bc88169e3771a18}