

# larsborn/tofsee\_string\_decrypt.py

 [gist.github.com/larsborn/0ec24d7b294248c51de0c3335802cbd4](https://gist.github.com/larsborn/0ec24d7b294248c51de0c3335802cbd4)



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as seen in 96baba74a907890b995f23c7db21568f7bfb5dbf417ed90ca311482b99702b72

```
#!/usr/bin/env python3
```

```
# -*- coding: utf-8 -*-
```

```
import binascii
```

```
def decrypt(buf: bytes, key: int, summand: int) -> str:
```

```
    ret = bytearray()
```

```
    for i, c in enumerate(buf):
```

```
        ret.append(c ^ key)
```

```
    key += (-1 if i % 2 else 1) + summand
```

```
    key &= 0xff
```

```
    return ret.decode('utf-8').rstrip('\0')
```

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---

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```
if __name__ == '__main__':
```

```
    assert decrypt(binascii.unhexlify(b'8797286a6da3f032539eb4'), 0xe4, -0x38) ==  
    r'c:\Windows'
```

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