



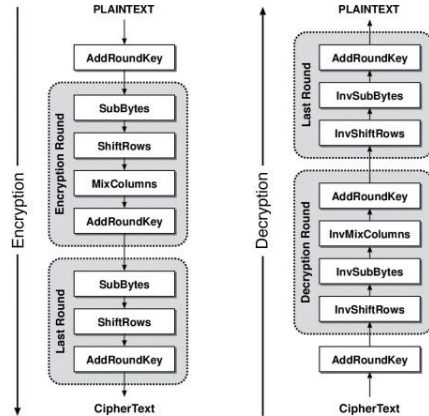
# Citrus Digital Journal

By Christopher Ravosa

# Background Info



- A digital journal with no user accounts or passwords
- Advanced Encryption Standard (AES)



- Python scripting language



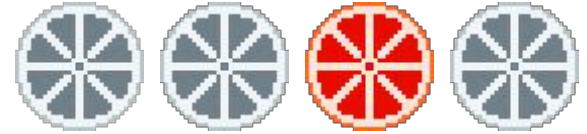
# Methodology




- Python
- DearPyGUI
- SQLite
- GitHub (obviously)



# Demo



<https://github.com/crav12345/Citrus-Digital-Journal>



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 crav12345 modified test cases 250eb2a 2 hours ago  History

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 resources/images	Finished frontend first pass	15 days ago
 aes_cipher.py	Finished stylizing the GUI	2 hours ago
 callbacks.py	Finished decryption	2 hours ago
 database.py	Started decryption	4 days ago
 entries.db	modified test cases	2 hours ago
 main.py	Finished stylizing the GUI	2 hours ago
 test_aes.py	modified test cases	2 hours ago

# Results & Conclusions



- AES isn't *that* complex (all things considered)
- Unit tests are extremely helpful
- A new portfolio piece
- Citrus Digital Journal can grow

