

MOHAP IBRAHIM



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<https://mohap2.github.io/>

About Me

- Entry Level Programmer with experience utilizing C# , C++ and Python to develop software and debug existing code. Passionate about learning new coding languages and honing existing skills.

Projects

Graduation Project

Mobile Reviews Analysis

- Implemented a sentiment analysis model to classify user reviews
- Worked with real-world, noisy text data scraped from the web, learning how to clean and preprocess unstructured text.
- Gained practical experience with Natural Language Processing (NLP) techniques

Burrows-Wheeler Text Compression – Huffman Module

- Implemented the Huffman coding algorithm to compress byte streams by assigning variable-length binary codes based on symbol frequency.
- Developed an efficient tree-based approach for encoding and decoding without relying on built-in compression libraries.
- Designed a method to serialize and reconstruct the Huffman tree, enabling full lossless decompression.

Education

Computer Information Systems

Ain Shams University, Expected graduation June 2025

Skills

- Computer skills
- Problem solving
- Active listening
- Critical thinking
- Teamwork and collaboration
- Time management