



Alshefaa Atia Khattab

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I am a software Engineer and seeking to work as a teaching assistant and researcher at a great university to fulfill my skills and knowledge.

Education

Bachelor of engineering, System and Computer Dept, Al-Azhar University, 2022.

- **Final year grade : Excellent**
- **Total grade: Excellent with honor degree.**

Technical skills

- | | |
|---|--|
| • Machine Learning | • Classification using support Vector machine, tensorflow, keras. |
| • image processing using library's like open cv, numpy, tqdm, matplotlib, sklearn, plotly | • transfer learning using pre-trained models as VGG16, Inception v3, Resnet 50 |
| • Fundamentals of Programming Languages: Python, Java, C++, | • Fundamentals of Network. |
| • Fundamentals of Database(SQL). | • OOP principles. |
| • Html and CSS | |

Projects

Graduation Project, Brain Tumor Detection 

The main purpose is to build a CNN model that would classify if subject has a tumor or not base on MRI scan using VGG16, inception v3, resnet50.

Project Grade : Excellent

Blind stick with Arduino

Smart stick for blind people to warn them if there is a block or not .

Bank of blod

This project was built by frontend, backend and Database(SQL).

Alu Design

Simple Design constructed with combinational circuits that perform addition, subtraction, multiplication and division operations

Languages

Arabic (Native) • **English** (intermediate)