

# Mahmoud Taha



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[/DrMahmoudMohammedTaha](#)



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## Skills

- Python / Java / C++
- Keras / Tensorflow / PyTorch
- Microsoft VBA
- Oracle PLSQL / PostgreSQL
- Angular / NodeJs / JQuery
- Restful APIs / Swagger

## Languages

- Arabic: Native
- English: Advanced (IELTS 6.5)
- Japanese: Basic
- German: Basic

## Information

- Birth Date: 15 / 2 / 1994
- Gender: Male
- Nationality: Egyptian
- Military Service: Exempted
- Marital Status: Married

## Personal Statement

Versatile Machine Learning engineer skilled in computer vision and full-stack development, innovative in research and practical applications.

## Education

### Egypt Japan University of Science and Technology (EJUST)

- PhD in Computer Science and Engineering (2023 – present)
- Thesis: AI-Driven Pedestrian Intention Prediction.

### Benha University – Shoubra Faculty of Engineering

- MSc In Computer System Engineering. (2017 – 2023)
- Bachelor of Computer Engineering, Grade: Excellent with honor. (2012 – 2017)

## Experiences

### Assistant Lecturer, Benha University (2017 - Present)

- TNBC Classification:** Developed Keras CNN for Triple-Negative Breast Cancer (TNBC) classification.
- Engine Stability Classification:** Developed Keras LSTM model for engine stability classification.
- ArmorNet Classification:** Developed Transformer based model for detection of nudity content in animated cartoons.

## Publications

- Peer Reviewer for NILES (Novel Intelligent and Leading Emerging Sciences Conference)**
- ArmorNet: Animated Cartoon Pornography Detection Using Transformer Network**, Taha, M., et al. (2023). In 2023 11th International Japan-Africa Conference on Electronics, Communications, and Computations (JAC-ECC) (pp. 142-147). IEEE.
- InspectorNet: Transformer network for violence detection in animated cartoon**, Taha, M.M., et al. (2023). Engineering Research Journal-Faculty of Engineering (Shoubra), 52(2), 114-119.
- Filtering of inappropriate video content: a survey**, Taha, M.M., et al. (2022). International Journal of Engineering Research & Technology.

## Courses

- Generative Adversarial Networks Specialization** (Coursera).
- Deep Learning Specialization** Andrew Ng (Coursera).
- Convolutional Neural Networks for Visual Recognition** (Stanford).
- Egypt Future Work is Digital – Developing Advanced Full stack Web Apps**, Ministry of communication sponsorship (UDACITY).
- Mobile Application Launchpad verified UDACITY course on Developing Android Apps under Google sponsorship.**