

# Abdallah Hablus

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## EDUCATION

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### Tanta University

Bachelor of Engineering in Artificial Intelligence

GPA: 3.88 / 4.00

Sep. 2022 – Jul. 2027

## RELEVANT COURSEWORK

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- Computer Architecture
- Data Structures and Algorithms
- Object-Oriented Programming
- Machine Learning
- Neural Networks
- Web Development

## TECHNICAL SKILLS

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**Languages:** Python, C++, JavaScript

**Libraries and Tools:** Git, Matplotlib, Tensorflow, Pandas, Pytorch

## PROJECTS

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### Cognitive Performance Prediction | *Python, TensorFlow, Pandas*

Developed a machine learning model to predict human cognitive performance using a custom-built Feedforward Neural Network (FNN), TensorFlow FNN, and Linear Regression. Implemented data preprocessing, feature scaling, and outlier removal techniques. Evaluated model performance using MAE, RMSE, and  $R^2$ .

### GitHub

### Lung Pneumonia Detection | *MLP, CNN, KAN*

Implemented the KAN (Kolmogorov-Arnold Network) architecture for lung pneumonia detection and explored its potential. Compared its performance with traditional MLP and CNN models, investigating how KAN could provide a novel approach in medical image classification.

## COURSES AND CERTIFICATES

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- Supervised Machine Learning (Coursera | Stanford | DeepLearning.AI)
- Neural Networks and Deep Learning (Coursera | DeepLearning.AI)
- Improving Deep Neural Networks (Coursera | DeepLearning.AI)
- Structuring Machine Learning Projects (Coursera | DeepLearning.AI)
- IELTS Certificate | Overall Band Score: 7.5

## EXTRACURRICULAR ACTIVITIES

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### Sales Team Member

Dec. 2023 – Jun. 2024

*AIESEC in Egypt*

- Assisted in applying sales strategies, followed up on leads, and updated tracking tools (Podio, Slack, spreadsheets)
- Participated in team meetings, events, and ensured proper information management
- Supported the application process for outgoing volunteers and maintained communication with leads

### Usher

Apr. 2024

*Breadfast Launch Activation*

*Gizeret El Ward Club, Mansoura*

- Assisted in helping attendees get to know the Breadfast brand during a 3-day activation event
- Helped with on-site sign-ups for new customers
- Gathered and organized data for event follow-up and marketing analysis
- Provided general assistance to ensure the smooth operation of the event