

# Rahma Medhat Abdelrahman

Elshrouk-city, Egypt | +201127281299 | rahmamedhat503@gmail.com

LinkedIn: <https://www.linkedin.com/in/rahma-medhat-821234244> | GitHub:

<https://github.com/Rahma503>

---

## Education

Ain Shams University — Bachelor of Computer Science (BCS)

Oct 2020 - Jul 2024

Relevant Coursework: Algorithms, Database Management, Machine Learning, Object-Oriented Programming, Web App Development, Java, C#.

GPA: 3.3 (Very Good with Honors)

---

## Work Experience

ISchools — Code Instructor

- Taught programming basics to students.
- Developed interactive programming lessons to introduce young learners to coding concepts.

S&M Academy — Teaching Assistant (TA)

- Assisted in teaching Object-Oriented Programming (OOP), Database Management, Cyber Security.
  - Provided one-on-one support to students, helping them with course material and project work.
- 

## Relevant Projects

Smart Glass for Blind People — *Graduation Project (A+)*

- Developed an innovative smart glass system for the visually impaired, leveraging Flutter technology to create an intuitive app interface.
- Implemented advanced image recognition algorithms, such as Photo ENet.
- Toolkit: Python, PyTorch, ReactJS, JavaScript, Flask.

Neural Network and Deep Learning Projects

- [Neural Network](#)
  - [Plant Disease Detection](#)
  - [Handwritten Digit Recognition](#)
- 

## Technical Skills

Programming Languages: Python, C++, C#, SQL, Java, HTML, CSS

Frameworks: Pandas, NumPy, Scikit-learn, PyTorch, TensorFlow, Keras

Other: Git, GitHub

---

## Activities

Machine Learning Mentor at ApplAI

2021 - 2023

- Mentored students in machine learning, teaching algorithms such as K-means, Linear Regression, and Logistic Regression.

Volunteer at ASU Employment Fair 2022

*Employer Relations Team with DCES*

Machine Learning Competition

May 2022

- Achieved 3rd place in the Movie Revenue Prediction project.