

Abdelrahman Sharaf

PROFILE

Highly motivated Computer and Communication Engineering student at Alexandria University with a strong foundation in Artificial Intelligence (AI) principles. Possesses a comprehensive understanding of the Machine Learning lifecycle (from data analysis and model development to deployment and evaluation) through coursework and independent learning on platforms like Datacamp. Eager to learn and contribute to real-world AI projects in a collaborative environment.

EXPERIENCE

MIA Robotics

- Designed and built a Single-Page Web Application (SPA) for ROV control.
- Utilized Python and C++ effectively for rapid prototyping and development of the ROV control system.
- Implemented computer vision projects using YOLO for advanced functionality.
- Enhanced web page aesthetics and user experience with Figma.

DataCamp, Python and scripting

- DataCamp: Utilized DataCamp to learn data cleaning and prediction methods.
- Python Projects:
 - Built a task reminder application using Python.
 - Created an interactive "Are you wearing your glasses?" using opencv and tensorflow.
 - Developed CLI animations using Python.
- Scripting and Automation:
 - Leveraged AHK scripting language to automate repetitive tasks with user interface interaction, such as clicking buttons to streamline workflows.

SKILLS

- **Data analysis & visualization (Power BI , Python)**
- **Project Management**
- **Web development**
- **UI/UX - photo editing - video editing**
- **Scripting & automation**
- **Object detection, Classification and instance segmentation**
- **Microsoft Office software proficiency**

EDUCATION

Faculty of Engineering, Alexandria University

Computer and communication

- Expected Graduation Year 2027
- CGPA : 3.95

ONLINE PRESENCE

- [Abdelrahman Sharaf](#) | [LinkedIn](#)