

# Abelrahman Essam

**Nationality:** Egyptian **Date of birth:** 28 Nov 2000 **Place of birth:** cairo, Egypt **Gender:** Male

 **Phone number:** (+20) 01129552459  **Email address:** [abdelrahmane792@gamil.com](mailto:abdelrahmane792@gamil.com)

 **WhatsApp Messenger:** 01129552459

 **portfolio:** [https://boody912.github.io/Abdelrahman\\_Essam/](https://boody912.github.io/Abdelrahman_Essam/)

 **Home:** nasr city, 12345 Cairo (Egypt)

## ABOUT ME

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As a fresh Computer Science graduate, I'm excited to bring my solid tech background and problem-solving zeal to the professional world. My knack for dissecting complex issues with a clear, logical approach has been honed through rigorous coursework and personal projects. I thrive on learning quickly and am keen to leverage my technical prowess across different sectors.

## EDUCATION AND TRAINING

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### BACHELOR OF of Computer Science and Artificial intelligence GPA 3.2 (Very Good with honor)

*Helwan University* [ 1 Sep 2019 – 1 Jul 2023 ]

City: Cairo | Country: Egypt | Level in EQF: EQF level 6

## LANGUAGE SKILLS

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**Mother tongue(s):** Arabic

**Other language(s):** English

## DIGITAL SKILLS

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### Technical Skills

Web Development (Python/Django) / Python / Vue.js ( Junior ) / Devops: Docker, Jenkins / ASP.net / JavaScript / HTML / CSS / C / Java / SQL / PHP / Blender / Unity / C++ / Pytorch,Tensorflow / Advance knowledge in Machine Learning and Deep learning

### Soft Skills

Teamwork and Collaboration / Problem Solving (Problem Analysis) / Time Management and Prioritization / Analytical Skills. / Adaptability And Flexibility / Attention to Details

## PROJECTS

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### Attendance System with Face Recognition for Educational Institutions.

- Developed a face recognition-based attendance system for educational institutions using Python, OpenCV, and machine learning algorithms for high accuracy
- Utilized Django for backend development and Vue.js for a responsive frontend interface
- Improved attendance tracking efficiency and accuracy, reducing manual errors and saving time for educators

Link: [https://github.com/boody912/AttendanceSystem\\_django](https://github.com/boody912/AttendanceSystem_django)

### Multiple vendor eCommerce platform.

- Developed an online platform for multiple vendors to sell products
- Utilized Django, Python, and PostgreSQL to create a scalable and secure platform
- Implemented Vue.js for the front-end to create a responsive and intuitive user experience

- Collaborated with team members to ensure seamless functionality and efficient data management

Link: [https://github.com/boody912/djangobnb\\_backend](https://github.com/boody912/djangobnb_backend)

#### **Friendzone mini social platform .**

- Developed a social media platform for users to find and connect with new friends
- Utilized Django, Python to create a dynamic and engaging platform
- Implemented Vue.js for the front-end to create a smooth and intuitive user interface
- Collaborated with team members to ensure efficient data management and robust functionality

Link: <https://github.com/boody912/FriendZone>

#### **Research Gate.**

- Contributed to the development of a social networking site for scientists and researchers
- Utilized ASP.NET, C#, and SQL Server to create a robust and secure platform for sharing papers and collaborating
- Collaborated with team members to implement features such as paper sharing, question and answer forums, and user profiles
- Applied best practices in web development, including responsive design and efficient data management

Link: <https://github.com/boody912/ResearchGate>

#### **Brain Tumor Detection recognition with SVM.**

Brain tumor detection using **Support Vector Machine (SVM)** classifies MRI images as tumor or non-tumor based on extracted features. The process involves **image preprocessing, segmentation, feature extraction, and classification** using SVM with suitable kernels. This approach enhances **early diagnosis and medical decision-making**, improving patient outcomes.

## **HONOURS AND AWARDS**

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[ Jan 2024 ] SEE

#### **Cisco Certified Network Associate.**

**CCNA (Cisco Certified Network Associate)** covers **networking fundamentals, routing, switching, security, and automation**. It provides hands-on skills in configuring and troubleshooting **routers, switches, and wireless networks**.

[ Nov 2023 ] Coursera

#### **Advanced Learning Algorithms**

Link: <https://www.coursera.org/account/accomplishments/verify/YY5ESREWMAS8>

[ Sep 2023 ] Coursera

#### **Supervised Machine Learning.**

Link: <https://www.coursera.org/account/accomplishments/verify/L65GEATY287H>