Name: Hamas Mohamed Mahmoud Mohamed

Address: Egypt/ Cairo

Email: hmastulib@gmail.com

LinkedIn: http://bit.ly/hmas_mohamed

Phone: +201122532796

Birth(D/MM/YYYY): 12/03/2005

GitHub: https://github.com/hamas22

PERSONAL SUMMARY

A sociable and adaptable STEM graduate currently studying Computer Science, with strong programming skills and a solid academic background. Focused on **Front-End Development** and passionate about **AI & Machine Learning**, with hands-on experience in building responsive interfaces and developing intelligent systems. Eager to apply knowledge in real-world projects and grow as a well-rounded, innovative software engineer.

Education

▪ **High school**   oct 2020-2023

STEM Asyut school, Asyut

● Achieved several Capstone projects   ● Total percentage**: 80.04%**

● Studied honors courses, Robotics, and electronics.

▪ **Helwan University**   Sep 2023- 2027

Faculty of Computer science and Artificial Intelligence.   ● GPA: **3.41** (Excellent)

● 3nd-year student – Artificial Intelligence major

● Studied Computer science, Information technology, Information System, and Electronics

Skills

• **Technical:** Python, C, Arduino, HTML5, CSS3, Bootstrap, React, PHP, JavaScript, MySQL, Java, AI, Machine Learning, OOP, Git, Database Design, Data Analysis, UML Diagrams

• **Software:** Microsoft Word, PowerPoint, Excel

• **Soft Skills:** Teamwork, Time Management, Leadership, Communication, Collaboration, Organization, Problem-Solving, Analytical Thinking, Multitasking

• **Computer Skills:** Programming, Prototyping, Web Layout Design, Browser Testing & Debugging.

Projects

- **AI & Machine Learning System:** Heart Disease prediction project using **Python** and a complete ML pipeline (data preprocessing, regression, classification, and model evaluation) on the UCI dataset.
- **E-commerce System:** Developed a complete e-commerce platform with full **front-end** and **back-end** functionalities using React, Tailwind CSS, Node.js, Express, MongoDB, Axios, and Local Storage.
- **Egyptian Museum System:** Full-stack web application for managing visit reservations with admin panel and UML diagrams, using **HTML, CSS, JavaScript, Bootstrap, PHP, MySQL**, and a custom database controller.
- **University Management System** :Client-side web application for managing course registration and academic content based on university curriculum, using **HTML, CSS, JavaScript, Bootstrap, JSON, and Local Storage.**
- **Inventory Management System:** Java GUI to manage products, search data, and control offers via admin panel.
- **Linux Process Manager:** GUI tool to view and manage system processes grouped by user on Linux.

Courses and Certificates

- **AI & Machine Learning Certificate – Sprints (Jul 2025)**
  Completed a hands-on AI & Machine Learning program using Python, covering core ML concepts, supervised and unsupervised learning, and model evaluation techniques.
- **Front-End Web Development Diploma – SEF Academy (May 2024)**
  Completed a React-based web development diploma with a score of 99.37%.
- **Python Programming Course – 180 Daraga (Dec 2023)**
  Finished an introductory Python course.
- **Electronics Summer Camp – Nile University (Aug 2022)**
  Built an Arduino RC car, explored 3D printing, and worked on sustainability projects.
- **Career Planning Course – Nile University (Mar 2022)**
  Learned future career planning, goal setting, and job market skills.
- **Young Engineering Program – Innospace Academy (Nov 2021 – Mar 2022)**
  Explored core engineering topics across 20+ hours including electronics and urban design.

Competitions & Activities

- **Smart Innovation Competition (SIC 2022)**
  Presented STEM-based innovations at the national Innovation Exhibition.
- **International Kangaroo Mathematics Competition (Mar 2022)**
  Participated in a global math contest to enhance logic and problem-solving.
- **American Mathematics Olympiad – SIMCC (Dec 2021)**
  Won the Bronze Award, showcasing strong international math skills.

INTERNSHIP PROGRAM

Academic Internship Program (June – September)

- Career Planning & Future Jobs
- **STEM Course**: Ideation, Design Thinking, Scientific Research, and Prototyping
- Introduction to Programming, Arduino & Advanced Technology
- **Nile University Camps**: 3D Printing, Electronics & Smart Systems, Industrial Engineering

Community Service

Resala Association – Innospace Team

- Volunteered with Resala Association's Innospace team, completing **90+ hours** of community service.
- Supported elderly individuals and assisted in daily tasks.
- Contributed to literacy and educational support campaigns.
- Helped distribute food and supplies to underserved families and children.