

ESRAA MAHMOUD ESMAT

Abdeen - Cairo · 01010932841

esraamahmoudeesmat60@gmail.com · [LinkedIn Profile](#) · [GitHub link](#)

PROFILE SAMMARY

As an aspiring programmer and recent graduate, I am actively seeking challenging roles to apply and enhance my coding skills. I am passionate about continuous learning and seek guidance from experienced professionals to further develop my abilities. Committed to hands-on projects, I firmly believe in the power of practical experience for professional growth.

EDUCATION

JUNE 2023

BACHELOR'S IN COMPUTER SCIENCE, FACULTY OF SCIENCE, CAIRO UNIVERSITY.

- Graduation Project: Machine learning for corona virus covid-19 detection from chest x-rays.
- Technologies:
 - Deep Learning.
 - Convolutional Neural Networks (CNN).
 - Densely Connected Convolution Networks (DenseNet).
 - Keras API with TensorFlow at the backend.
 - Kaggle's normal patient image dataset and the COVID-19 X-ray image dataset sponsored by Dr. Joseph Cohen.
 - Evaluation Metrics (precision, recall, accuracy, and confusion matrix).
 - Neural Networks.
 - Data Augmentation.
 - Python 3.7 software.
 - Adam Optimizer.
- Grade: Excellent.

MAY 2023 - NOW

SELF FUTURE, "FULL STACK DIPLOMA "

From May 2023 to Sep 2023 , **Frontend Diploma with React.js** .

EXPERIENCE

NOV 2023 - DEC 2023

SELF FUTURE, " FRONTEND TRANING "

- Team Leader on Two Significant Projects
- Assessing and Managing Team Members' Assignments.
- Resolving Technical Programming Challenges for the Team
- Dealing with GitHub to merge our codes

JULY 2021 - AUGUST 2021

FACULTY OF SCIENCE, CAIRO UNIVERSITY, "DATA SCIENCE TRANING"

- Introduction to R programming language.
- Introduction to SQL for data management and analysis.
- Introduction to Big Data technologies and frameworks.
- Data preparation techniques using R.
- Descriptive statistics and their applications in data analysis.

- Data visualization using R.
- Introduction to Business Intelligence concepts and applications.
- Creating dashboards using Power BI

PROJECTS

■ FRONTEND TRAINING:

As a Team Leader and with helping a team of 14 members, successfully completed two projects:

- i. **SEF FUTURE Platform:**
Technologies: HTML 5, CSS3, Bootstrap, JS, React JS. [Demo link](#)
Description: it is 9 pages with Admin, User and Instructor Layout.
- ii. **Tax Hub Platform:**
Technologies: HTML 5, CSS3, Bootstrap, JS, React JS. [Demo link](#)
Description: it is 5 pages with User and Admin Dashboard.

■ FRONT PROJECTS:

- i. Tourism Company Website.
Technologies: HTML, CSS. [Demo link.](#)
- ii. Real Estate Brokerage Website.
Technologies: HTML5, CSS3. [Demo link.](#)
- iii. Furniture website.
Technologies: HTML5, CSS3, Bootstrap. [Demo link.](#)
- iv. Shopping Website
Technologies: HTML 5, CSS3, Bootstrap, JS. [Demo link](#)
- v. Portfolio with React JS:
Technologies: HTML 5, CSS3, Bootstrap, JS, React.JS. [Demo link](#)

■ EDUCATIONAL PROJECTS:

- Connect Four Game using JOGL Java:
 - Description: Developed a 2D game using JOGL (Java OpenGL), a Java binding for the OpenGL API. Implemented various game features, such as graphics rendering, user input handling, and game logic.
- Real Estate Brokerage Website:
 - Description: Developed a website for a fictional real estate brokerage using modern web technologies, such as HTML, CSS, JavaScript, and Bootstrap framework. Implemented a responsive design, user authentication, and a search functionality.

SKILLS

- **Frontend Development:**
 - Proficient in React.js and Vite.js, skilled in crafting responsive and dynamic user interfaces.
 - Core Front-End Technologies: HTML, CSS, JavaScript, and Bootstrap. Familiarity with UI frameworks including Mui, React-Bootstrap.
- **Efficient Styling:**
 - Proficient in using SASS for streamlined and efficient CSS development
- **UI Frameworks and State Management:**
 - Experienced in Redux Toolkit for state management.
- **User Experience Focus**
 - Proficient in utilizing animation libraries like Formik, React Router DOM, and Toasts to enhance user interaction.
- **Programming Languages & Tools:**

- Good Knowledge Java programming skills encompassing OOP, data structures, and algorithms.
- Strong familiarity with RDBMS like MySQL, Oracle, and PL/SQL.
- Good command of Python and C++ programming languages.
- Experience with Git for version control.
- Familiarity with the C++ programming language
- Skilled in multilingual application development
- Adept at version control with Git
- **Problem-Solving and Soft Skills:**
 - Exceptional interpersonal skills, including effective communication, time management, adaptability, teamwork, analytical thinking, leadership, and self-motivation.

ACTIVITIES

Volunteered as an RTC member to organize and oversee training courses, including scheduling, instructor selection, student communication, issue resolution, and course evaluation.

LANGUAGES

- Arabic: Native.
- English: Good.

PERSONAL INFORMATION

- Birth Date: September 30, 1998.
- Nationality: Egyptian