

# ESRAA MAHMOUD ESMAT

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## JOB OBJECTIVE

Passionate about driving my programming career forward by embracing continual learning, immersive projects, and mentorship from industry experts.

## PROFILE

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.

- Grade: Acceptable.
- 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).
  - Grade: Excellent.

MAY 2023 - NOW

**SEF FUTURE**, "FULL STACK DIPLOMA "

May 2023 – Sep 2023

**Frontend Diploma.**

- HTML.
- HTML 5.
- BOOTSTRAP.
- React.js
- CSS.
- CSS 3
- JAVA SCRIPT

## EXPERIENCE

**NOV 2023 - DEC 2023**

**SEF FUTURE, " FRONTEND TRAINING"**

- Team Leader on Two Major Projects.
- Reviewing Team Members' Tasks.
- Solving Programming Issues for the Team.

**JULY 2021 - AUGUST 2021**

**FACULTY OF SCIENCE, CAIRO UNIVERSITY, "DATA SCIENCE TRAINING"**

- 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 overseeing a team of 15 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.
- Status: Single.
- Nationality: Egyptian