Sarah Mahmoud Refaat

SOFTWARE ENGINEER

COMPUTER SCIENCE FRESH GRADUATE (2024)

CONTACT

Number:
01099013212
Mail: sarah.mahmoudd24@gmail.com
Location: Maadi-Cairo
LinkedIn:
www.linkedin.com/in/sarah-mahmoud-636324215
GitHub:
 https://github.com/SarahRefaatt

EDUCATION

Cairo University
2020 - 2024
Faculty of Computer and Artificial Intelligence
Third on my batch
GPA 3.76

COURSES

Artificial Intelligence
 Data Base ,SQL
 Network
 Operating System
 Machine Learning
 Statistics1/2
 Soft Computing
 Algorithm
 Computer Architecture
 Software Engineer

TECHNICAL SKILLS

 Spring boot

SUMMARY

Motivated and diligent Computer Science fresh graduate with expertise in data science and backend development. Proficient in Python, Java, and SQL, with a focus on data analysis, machine learning, and web development. Committed to ongoing learning, collaborative teamwork, and driving innovative solutions.

EXPERIENCE

PART TIME TEACHING ASSISTANT AT FACULTY OF COMPUTER AND ARTIFICIAL INTELLIGENCE CAIRO UNIVERSITY
October 2024-Present (working on Saturday only)
- Developed and delivered comprehensive course content on Object-Oriented Programming (OOP) principles and Machine Learning algorithms to undergraduate students.
-Assessed student performance through assignments, projects, and examinations, providing constructive feedback to foster academic growth.

ORACLE DEVELOPER-RAYA International Services
September 2024 – October 2024
- Report Generation Using SQL and Business Intelligence Tools
-Integration between different Applications

FULL STACK TRAINING-RATP Mobility Dev
June 2024 – July 2024
- Designed and implemented responsive and intuitive user interfaces utilizing Vuetify, a widely-used Material Design component framework for Vue.js.
-Developed and maintained RESTful APIs using Express.js, a minimal and flexible Node.js web application framework.

GAME DEVELOPMENT INSTRUCTIONS-ISCHOOL
February 2024 –April 2024
-Educated students on game design and development principles using mBlock, an educational programming environment based on Scratch

Postman
Django
Node js
C++,Java ,Python ,Dart ,R
Data Preprocessing
Flutter ,HTML,CSS
SQL

LANGUAGE.
English (Very Good)
French moderate
Arabic (Native Language)

DATA SCIENCE TRAINING -BANQUE MISR .
July 2023 –October 2023
-Developed a cutting-edge route optimization algorithm using real-time traffic data and geospatial analysis tools.
-Achieved 25% decrease in fuel consumption and 40% reduction in delivery time for ATM refill operations in Egypt.
- Attained 20% reduction in transportation costs and 30% faster service delivery.

BACKEND TRAINING BANQUE MISR.
 July 2022 – October 2022
-Developed the backend system for a movie application, collaborating with cross-functional teams.
-Implemented caching mechanisms resulting in a 50% reduction in server response time and significant enhancement of overall application performance.
-Utilized version control tools such as Spring Boot, SQL, and Git to effectively manage project repositories.

ORANGE BACKEND HACKATHON.
September 2022
Engineered the backend infrastructure for a Course application optimized database queries ,resulting in a 40% faster loading time and 25% increase in user retention. Frame work : Springboot-Mysql-Postman.

INTERNATIONAL COLLEGIATE PROGRAMMING CONTEST (ICPC).
July 2022
-2 problems using C++

ACADEMIC VICE PRESIDENT AT TREE
January 2024-July 2024

Led a team of [number] talented mobile developers and UI/UX designers in the successful creation and delivery of innovative mobile applications.