

Ziad Ehab Saad

Back-End Developer

Phone: (+20)01067278089

Email: zyadehab46@gmail.com

Linkedin:

<https://www.linkedin.com/in/ziadehab-744367282/>

Github: <https://github.com/Ziad-21>

Address :Cairo,Egypt.

Professional Summary

I am a fresh graduate from the Faculty of Computer and Information Science, specializing in Information Systems at Ain Shams University. My skills include proficiency in programming languages such as C++, C#, and Java, as well as familiarity with HTML, CSS, JavaScript, and Bootstrap. I am currently learning .NET and have experience with Node.js. My goal is to become a proficient back-end developer using the .NET framework. I am good at problem solving and have a strong understanding of object-oriented programming (OOP) , design patterns and a good knowledge in automation testing using selenium web driver and testNG framework .

Education

Bachelor of Computer and Information Sciences, Ain Shams university.

Department : Information Systems.

Graduation Year: 2024

Cumulative GPA : 3.045 (B)

Skills:

Programming Languages: C++, C , C# , Java , python.

Web Technologies: HTML, CSS, JavaScript, Bootstrap, .NET (Enrolled in ITI Summer Training).

Frameworks: Angular (learning), Node.js (partial knowledge)

Software Design: Object-Oriented Programming, Design Patterns

Other: Problem-solving, Selenium Web Driver and TestNG.

Projects:

Graduation Project: Fine Art Painting Classification (Grade: A)

- Utilized deep learning techniques to classify paintings by identifying the painter and artistic style from photographs.
- Developed quiz game features for artist and style recognition.
- Integrated exploration features for users to learn about different artists and styles interactively
- Technologies : python (Backend) , Android (Kotlin), Retrofit(API).

2-Cats and Dogs Classification by python

Developed a machine learning model to classify images of cats and dogs using Convolutional Neural Networks (CNNs). Utilized TensorFlow and Keras for model development. Conducted data preprocessing including resizing, normalization, and data augmentation.

3-Stroke Prediction by python

Created a predictive model to identify the likelihood of stroke occurrences based on various health parameters. Conducted extensive data preprocessing and visualization to enhance data understanding and model performance. Employed machine learning algorithms including Decision Tree (accuracy: 89.65%), Random Forest (accuracy: 94.75%), and Gradient Boosting (accuracy: 89.47%). Evaluated model performance using metrics such as accuracy, precision, recall, and AUC-ROC curves.

4-Spam or Ham emails by python

Implemented a spam detection system to classify emails as spam or ham (non-spam). Utilized natural language processing (NLP) techniques for text preprocessing, including tokenization, stemming, and vectorization. Applied machine learning algorithms like Naive Bayes, SVM, and Logistic Regression. Achieved a high precision and recall rate, with an overall accuracy of 95%.

5-Loan Prediction by Python

Developed and compared various machine learning models to predict loan eligibility based on parameters such as credit score, income, age, marital status, and gender. Conducted data preprocessing, feature selection, and data scaling. Employed models including Decision Tree, SVM, Linear and Logistic Regression, Naive Bayes, and Random Forest. Achieved accuracies of 83% for Decision Tree and 77% for Random Forest.

6-Phone Book Console Application using C++

Developed a console application to manage event schedules, incorporating features to add, modify, delete, and display events. Implemented alarm functionality for events, moving completed events to history upon completion. Utilized data structures such as array lists and stacks, and files for storing events.

7-Black_Jack Game by Java, OOP, GUI

Developed Blackjack game in Java, utilizing object-oriented programming principles. Implemented game logic, player interaction, and GUI components using Java Swing for a user-friendly interface.

8- Company Project: Database Design and Implementation

Designed an ERD, schema, and SQL script for a company project. Focused on efficient data organization and retrieval to meet the company's specific needs.

9-Phone Book console application using C++

Developed a console application for phone management, including basic operations like adding, deleting, and displaying contacts.

10-Netflix using HTML, CSS

Created a project including a home page and a browsing page for a Netflix-like website Focused on responsive design and user experience.

11-Recipe and meal planning using Angular

Developed a home page and several pages for recipes, including detailed views for each recipe and Created a community feature similar to Instagram for following users, adding, editing, and deleting posts and Implemented Firebase for user authentication.

Certifications :

- Android development form the faculty
- Selenium Web Driver form QA cart.
- Front end from the faculty .
- ITI Summer Training for backend development using .NET (August 2024).