

SUMMARY

Dedicated computer science graduate with a passion for full stack development and experience in building robust and scalable web applications, with a strong grasp of data structures, algorithms, and modern web frameworks. Skilled in both front-end and back-end development, including technologies such as HTML, CSS, Vue, Node.js, and SQL/NoSQL databases.

EDUCATION

GPA: 2.99**Fayoum University****Oct 2021 - Jun 2025**

- Bachelor in Computer Science and Artificial Intelligence.
- Achieved Courses: Object-Oriented Programming, Data Structures, Algorithms Design and Analysis, Operating Systems, Database Management Systems, Computer Architecture, Big Data and Networks.

PROFESSIONAL EXPERIENCE

Mentor and Coach**Fayoum ICPC Community****Oct 2023 - Present**

- Mentoring students basics of Programming and teaching them Data Structure and Algorithms technics to prepare for the ECPC.
- Assisted in organizing programming workshops, training sessions, and coding competitions to enhance the programming abilities of community members.

Instructor**HexTech Community****Mar 2023 - Jun 2023**

- had the exhilarating role of introducing enthusiasts to the captivating world of robotics through the utilization of C programming and Arduino technology.
- guided individuals through the fundamentals of robotics through engaging workshops and interactive sessions.
- fostered a supportive learning environment where participants could explore the intricacies of coding, circuitry, and robotics construction.

PROJECTS

[Nuxt Dojo](#) | NuxtJs, TailWindCss, APIs, JavaScript, HTML**May 2024 - May 2024**

A modern e-commerce website built with Nuxt 3 and Tailwind CSS. It offers a streamlined shopping experience for users and provides an easy-to-use interface for managing products and orders.

[Weather APP](#) | HTML, CSS, JavaScript, APIs**Feb 2024 - Feb 2024**

Website that allows users to get real-time weather information for any location. With a simple and intuitive interface, users can easily search for a specific location and view detailed weather forecasts.

[Unbeatable Minesweeper](#) | Python**Mar 2024 - Apr 2024**

This project implements an Artificial Intelligence (AI) agent that can play Minesweeper perfectly in Python. It utilizes a logic-based approach to analyze the board and strategically uncover safe cells while identifying and flagging mines.

AWARDS & CERTIFICATIONS

Competitive Programming

- Ranked 33th Place in 2023 Egyptian Collegiate Programming Contest (out of 280 teams) [ICPCID](#)
- Ranked 4th Place in Qualifications to ECPC in Fayoum University (out of 60 teams)

ADDITIONAL SKILLS

Core Programming

C++, OOP, Data Structures, Algorithms, Problem Solving

Front-End Development

VueJS, NuxtJS, TailWindCss, HTML5, CSS3, JavaScript

Back-End Development

NodeJS, ExpressJS, MySql, MongoDB, Mongoose