

Nermeen Noaman

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Summary

A Computer and Data Science student passionate about technology and software development. Currently focusing on improving my skills in Full Stack Web Development through continuous learning and practical projects, passionate about problem-solving and competitive programming.

Professional Experience

Outlier Co | AI Testing

(Sep 2024 - Nov 2024)

Evaluated and ranked AI-generated outputs in mathematics and coding.

Developed targeted prompts to optimize AI-generated content for math and coding tasks.

Improved AI models performance in generating reliable, high-quality math and coding outputs .

Education

Alexandria University

2023 – 2027 B.Sc. of Computing and Data Science

Courses & Trainings

Digital Egypt Pionner Initiative (DEBI)

(Jul 2025 – Sep 2025)

Technical Skills:

C# fundamentals

SQL and database design

Git and GitHub

Freelancing Skills:

Personal branding and portfolio building

Communication, proposal writing, and time management

Creating CV

Introduction to Python

(May2025)

Variables, data types (strings, integers, floats, booleans)

Conditional statements (`if`, `else`, `elif`)

Loops (`for`, `while`)

SQL Server

(Mar2025)

Gained understanding of database concepts, data modeling, and how to write simple SQL queries.

Cloud Foundations – AWS

(May 2025)

Learned the basics of cloud computing, AWS services (like EC2, S3, IAM), and cloud deployment models.

IOT Engineer

Alexandria University, Egypt

(Jun 2025 – Dec 2025)

Built IoT systems using **ESP32** for real-time sensing and control via Wi-Fi.

Integrated projects with **AWS** for cloud monitoring and remote access.

Developed mobile apps using **Flutter** to control devices and display data.

Applied basic **networking concepts** for secure device communication.

Certificates

Python – DataCamp

May 2025

Introduction and intermediate DataBase – DataCamp

Mar 2025

Cloud Foundations – AWS

May 2025

Problem Solving – ECPC

Jul 2024

Skills

Technical Skills:

HTML

Java

JavaScript

Python

C#

SQL Server

C++

Soft Skills:

Presentation Skills

Problem Solving

Communication Skills

Team Working

Languages:

English

Arabic

Projects

Machine Learning using classification dataset (benign vs malignant tumors).

Trained a Support Vector Machine (SVM) model for accurate classification.

Compared model performance (SVM vs Neural Network) to determine the most accurate approach.

Web Scraping to extract data from "date and time" website:

Extract Data and Carried out thorough Data Cleaning to prepare the dataset for analysis.

Applied Regression Analysis using the Scikit-Learn library.

Created meaningful Visualizations.

database system for a university using SQL Server:

Built an Entity Relationship Diagram (ERD) to model core entities like Students, Courses, and Enrollments.

Inserted sample data using SQL INSERT statements.

Utilized SQL operations like SELECT, JOIN, GROUP BY, WHERE.

Awards

- 10rd place in ECPC 2025.