

# Nour Ashraf

## Student

As a computer science and engineering student, I'm looking for a challenging job that will allow me to use my educational background, expertise, and talents.

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## EDUCATION

### Computer engineering and Computer science

German University in Cairo (2020-2025)

1.27 GPA(German Grading System)

## PROJECTS

### Bachelor Thesis

- Creating a virtual environment using Unity to visualize the moral dilemmas faced by autonomous vehicles during accident scenarios

### Marvel Game backend implementation using Java

- A two-player battle game where each player has a team of three champions. The players take turns to fight the other player's champions. The turns will keep going back and forth until a player is able to defeat all of the other player's champions which will make him the winner of the battle.

### Database-engine

- creating a database engine using java which allows you to create and delete a table. Allows you to insert a row and update it. It allows you also to search for a record using the octree as an index.

### CPU-Simulation-Java

- Harvard Architecture memory, 66 registers, 12 operation CPU, support pipeline. Creating GUI that allows you to add instructions and view the output of any affected register

### MNA-Bank

- implementing frontend of an online banking system, and creating the class diagram and the erd and schema

### Stop-watch

- implementing a stopwatch using atmega32 as MCU

### el72ani website

- I participate in creating the backend of a website El7a2ny which is a software solution for clinics, doctors, pharmacists and patients alike to streamline and automate the interactions between patients, medical doctors and pharmacists. I was responsible for the uploading part (using AWS).

## SKILLS

Java

HTML/CSS

MYSQL

Hibernate

VR

React

Git/GitHub

Unity

unity and Quest 2 integration

C

C#

C for embedded applications

MCU interfacing

## ACHIEVEMENTS

### 45% scholarship

I have been awarded GUC Scholarship Award in Engineering program because of my outstanding academic achievements in IGCSE

## WORK EXPERIENCE

### Itworx (04/2024 - Present)

Joining the career accelerator program offered by ITWorx. This program helps me develop my skills in Java.

## LANGUAGES

### English

Professional Working Proficiency

### Arabic

Native or Bilingual Proficiency

### German

Elementary Proficiency