

Profile

Summary:

I am a computer science and engineering student at the German University in Cairo passionate about solving real world problems. I have excellent problem solving and team working skills. I am currently seeking an internship that will allow me to gain more insight into different kinds of problems that software engineers face on a daily basis.

Studies and education

Faculty of Media And Engineering Technology at German university in Cairo (September 2019 – Expected June 2024).

GPA : 1.07 (A on German scale).

Bachelor Thesis:

Title: Web-Based Demonstrator for a GPU Thermal Covert Channel on an Embedded Board.

University: Karlsruhe Institute of Technology (KIT).

Supervisor: M.Sc Jeferson Gonzalez.

Description: Designing a web application to visualise and manage the covert data transmission capabilities of a GPU through temperature variations.

Grade: A.

Projects

Empire Building Game(Group Project):

- Using Object Oriented Programming, Java Swing, and Java Awt.
- The used design pattern : MVC.
- Single player game in which the player can develop his/her city and create an army then conquer other cities to win.

Details

Skills

c++	<div><div></div><div></div><div></div><div></div></div>
java	<div><div></div><div></div><div></div><div></div></div>
javascript	<div><div></div><div></div><div></div><div></div></div>
python	<div><div></div><div></div><div></div><div></div></div>
sql	<div><div></div><div></div><div></div><div></div></div>
MERN stack.	<div><div></div><div></div><div></div><div></div></div>
css	<div><div></div><div></div><div></div><div></div></div>
redux	<div><div></div><div></div><div></div><div></div></div>
html	<div><div></div><div></div><div></div><div></div></div>
Data structures and algorithm	<div><div></div><div></div><div></div><div></div></div>

Languages

Arabic	Advanced
English	Advanced

Postgraduate System Website (Group Project):

- Using Microsoft SQL Server, C#, Asp.net.
- Full Relational Database having about 20 entities and more than 50 procedures.
- .Designed a web application for different users(Admin, Professor and Student.