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Bachelor of Engineering (B.E.) - Computer Science and Engineering

German University at Cairo, Cairo

Sep 2019 - June 2024 (Expected)

EXPERIENCE

Backend Engineer

May 2022 - Present

GirlScript summer of code, online

- Building and designing systems to give a certificate for contributors in open source projects in private repositories.
- Fetching the user's data from online platforms like (GitHub, GitLab, etc...) using 3rd party integration.

Key technologies:

- *Backend:* javascript, using nodejs, MongoDB (mongoose)

Backend Engineer @ Eva pharma intern

July 2022-Present

- It is a 2-month workshop on mern stack
- Building an e-commerce website from scratch
- Learning more about CI/CD
- Learning about system design and banking systems

Key technologies:

- *Backend:* javascript, Nodejs, Express, MongoDB (mongoose), HTML, CSS

EXTRACURRICULAR ACTIVITIES

- Joined ecpc competitive programming competition, and got 11th place.
- Joined ecpc for the second year and got 5th place.
- Entered Google Codejam competition, and got 66 pts.
- Junior head at IEEE committee web dev, training more than 30 students and taking them from beginner phase to advanced level.

PROJECTS

- [Facebook-clone](#)
 - A fully functional website cloned from the Facebook website
- [E-commerce-API](#)
 - an API with a set of features like (authentication, password management, and CRUD operations)
- [Post Graduate DB System](#) (C# - MSSQL)
 - Designed a post-graduate office database.
 - Designed a complete website using C#(ASP.net)
- [The Conqueror](#) (Java - Swing)
 - A single-player turn-based empire-building game.
 - Applied **OOP concepts and design patterns** (MVC, factory).
 - Ensured code smell and quality.
- [Computer Architecture](#) Design (Java - Maven)
 - Design an entire computer architecture (MIPS)
 - Applying some spectacular design patterns such as (observer - command - factory)

Skills

- | | |
|--------------------------|-------------------------|
| - Java (advanced) | - JavaScript (advanced) |
| - html/css (advanced) | - nodejs (intermediate) |
| - MongoDB (intermediate) | - react (intermediate) |
| - SQL (intermediate) | - c/c++ (beginner) |
| - Haskell (beginner) | - Docker (beginner) |