

AHMED EHAB

Backend Developer

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Education

Fayoum University

Sep. 2022 – May 2026

Faculty of computers and artificial intelligence

Relevant Coursework

- Data Structures
- Algorithms
- Programming
- System Analysis
- Database
- Computer Architecture

Experience

ALX-Africa

Feb 2023 – August 2024

Software Engineer Intern

Remote

- Developed the back end of a social media web application using the Flask framework in python for my graduation of the 9 months foundations
- Assisted in development of a simple shell program using c at the end of the 3 months milestone

Vodafone hackathon

May 2024

Tutor

Smart Village, Cairo

- Assisted teams by providing technical guidance on implementing AI solutions aimed at aiding individuals with disabilities.
- Collaborated with technical experts to devise the optimal approach for developing a team's idea.

Projects

CircleUp | *Python, Flask, sqlalchemy*

January 2024

- Analyzed and designed the system requirements.
- Engineered scalable backend systems for a social media platform focused on book and TV show enthusiasts, achieving seamless user experience
- Implemented a user authentication mechanism using JSON Web Tokens (JWT).

Linux Simple Shell | *C, Linux System Calls*

July 2023

- Developed a Feature-Rich Shell Emulating Bash Behavior
- Leveraged C language constructs and system calls to create a robust and efficient shell environment
- Implemented Core Shell Functionalities, and Implemented the execution of shell basic commands

Technical Skills

Languages: Python, JavaScript, SQL, NoSQL, C, HTML/CSS

Developer Tools: VS Code, vim, Chatgpt

Technologies/Frameworks: Linux, Docker, Git, Flask, Expressjs, Mysql, mongodb, REST, Redis, NLP

Other

- Address: 112 Aml the second — Nozha — Cairo
- Languages: Arabic(native), English(fluent)