

Abdelrahman Omar

SOFTWARE ENGINEER · BACKEND DEVELOPER

Alexandria Egypt

📞 (+20) 1271803332 ✉ abdelrahman.omar.elgendy@gmail.com 🌐 abd0-omar 🌐 Abdelrahman Omar

Education

Alexandria University

B.S. IN COMPUTER SCIENCE

Alex, EG

Aug. 2021 - Aug. 2025

- Majoring in Computer Science SIM (Software and Industrial Multimedia) 3rd year.

Experience

Software Engineering Experience

COLLEGE STUDENT

Alex, EG

2021 - Present

- Participated in ECPC and got 4th place out of 40 teams.
- Volunteered in HackerRank Club as a member of the Academic Committee where taught different people of different ages programming.
- Solved about 300 problems on LeetCode using Rust

🌐 [abd0-omar/leet-him-code](#)

Projects

Newsletter Email API

SOLO DESIGNER/DEVELOPER

🌐 [abd0-omar/zero2sixty](#)

Jan. 2024 - Present

- Implemented a Newsletter's api in Rust using axum framework and PostgreSQL with Docker and Github Actions.
- Wrote extensive unit/integration tests for the api and added logging and metrics.

URL-Shortener

SOLO DESIGNER/DEVELOPER

🌐 [abd0-omar/url-shortener](#)

May 2024 - May 2024

- Designed a URL-Shortener using Rust with the framework axum and PostgreSQL along with loggings, metrics and statistics.
- Wrote Frontend using HTMX, Tailwind CSS and Askama template engine.

Flutter Mobile Application

DESIGNER/DEVELOPER OF 6 MEMBERS

🌐 [halaheltorgoman/Travel-Guide](#)

🌐 [abd0-omar/egyptian-arabic-vocab](#)

Apr. 2024 - present

- An all in one travel guide app that includes everything you need in your next travel!
- Parsed json apis for translation feature in the app using dart/flutter and scraped the content of a web page to be displayed in the app using rust with unit tests.

Slender Man

DESIGNER/DEVELOPER OF 2 MEMBERS

🌐 [Jana-Khaled/Slender-Man-Game](#)

May 2024 - May 2024

- A Slender Man clone in unity/c#.
- Implemented A* algorithm to search for the shortest path of the closest target.

Sliding Puzzle Solver

SOLO DESIGNER/DEVELOPER

🌐 [abd0-omar/slidin-puzzle](#)

Dec. 2023 - Feb. 2024

- A Sliding puzzle Solver using A*, BFS, DFS, Merge sort, Manhattan and hamming distance algorithms.
- Backend with Rust Axum with SQLite db, and HTMX, Tailwind and Askama template engine on the frontend.

Skills

Languages Rust, C++, Java, C#, Flutter, Python, Zig

Spoken Languages English, Arabic

Development Tools Neovim, Linux, Docker, Git/Github, VSCode