

Menna Mohamed Abdelbaset

menamohamed0207@gmail.com | +201013222936 | Giza | <https://github.com/mennamohamed0207>
<https://www.linkedin.com/in/menna-mohamed-15ba5821b/>

WORK EXPERIENCE

IT Trainee, Seoudi Supermarkets

Aug.2023 – Sep.2023

- Assisted with network setup and system administration tasks within the infrastructure team.
- Attended sessions on web development workflow and IT helpdesk ticket system, enhancing understanding of IT operations.

Technical skills: Networks, Databases (SQL).

Backend Trainee, Cargas

Jul.2023 – Aug.2023

- Contributed to the HR system website, enhancing employee experience with hotel reservations, unit resorts, coupons, and financial requests. ([link](#))
- Implemented user management, advanced payment for schools, and resort modules.

Technical skills: Laravel, MySQL.

Trainee, Orange Digital Center

Jul.2022 – Oct.2022

- Built an AgriTech service for soil element monitoring, including a prototype and mobile app for farmers to request services and view dashboards, improving agricultural efficiency. ([link](#))
- Secured first place in the Orange Summer Challenge 2022, demonstrating exceptional innovation and technical prowess.

Technical skills: Flutter, Arduino, Fab lab devices.

EDUCATION

Cairo University

Sep.2020 – Jun.2025

- Faculty of Engineering, Computer Engineering Department

Cumulative Grade: 88%

COURSES AND TRAINING

ITI Summer Training PHP Track

Jul.2024 – Aug.2024

InnovEgypt Program, TIEC-ITIDA

Aug.2023

Functional Verification Diploma, Siemens

Feb.2023 – Apr.2023

PROJECTS

Subway Cloned Game on Desktop ([link](#))

Feb.2024 – May 2024

- Implement Entity Component System framework, Transformation logic and shaders, and lighting.
Using OpenGL, C++, GLSL.

Arabic Font Classification with Accuracy 99% ([link](#))

Feb.2024 – May 2024

- Developed and implemented image binarization and LPQ feature extractor.
- Evaluated performance using various classifiers, including KNN, SVM, and Random Forest.
Using Python, Numpy, scikit-learn.

Testing Cloned Twitter ([link](#))

Oct.2023 – Dec.2023

- Conducted comprehensive testing of the main page, interactions, tweets, trends, sign-up, and settings on both website and mobile application.
- Performed stress testing on all APIs.
Using Cypress, Appium, Jmeter.

GoWell-Search Engine ([link](#))

Oct.2023 – Dec.2023

- Established query processor and phrase searching functionality, contributing to the indexer module for enhanced search capabilities.
Using Java, MongoDB.

SKILLS

- Backend Development:** SQL, PHP, MySQL, MongoDB, Laravel, NodeJs with ExpressJs
- Software Automation Testing:** Cypress, Appium, Jmeter
- Programming and HDL Languages:** C, C++, Java, Python, Javascript, Typescript, Verilog, VHDL,

Assembly, HTML, CSS

- **Others:** Git, Microsoft Office, Matlab, Linux, Docker

ACHIEVEMENTS

- **Dell Hacktrick 2024 ([link](#)):** Advanced past the first filtration phase, ranking among the top twenty teams.
- **AAST Rally 2023:** Secured second place in the technology track.
- **VOIS Hackathon:** Progressed through two filtration phases, finishing among the top ten teams in Egypt.
- **International Conference on Smart Cities Competition 2023 (ICSC):** Achieved first place out of 400 participating teams.

EXTRACURRICULAR ACTIVITIES

Vice Technical Manager, GDSC Cairo University Branch

Mar.2024 – Jul.2024

- Led technical teams in planning and executing developer workshops and events.
- Coordinated between technical teams and lead, technical manager, and other teams to ensure smoothness of sessions.

Member – Flutter Instructor, IEEE

Oct.2022 – Jul.2023

- Contributed in delivering curriculum covering Dart language, Flutter basics, state management, and backend integration.
- Conducted comprehensive workshops on Flutter for beginner and intermediate developers.