NABEEL OKAL

AI Intern

+96279 531 1496 | nabeel.okal@gmail.com | http://linkedin.com/in/nabeel-okal-914175282 | nabeel_okal@protonmail.com

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PROFILE

Computer Science graduate passionate about Robotics, AI, and IoT. Experienced in C++, Python, and embedded systems, with hands-on projects in Arduino, ESP32, and Raspberry Pi.

SKILLS

- Programming Languages: Python, C/C++, Java, SQL, HTML, CSS, JavaScript, PHP, Kotlin
- Web Development: Basic knowledge of HTML, CSS, JavaScript, and PHP
- Android Development: Basic knowledge of building app using Kotlin
- Robotics & IoT: Arduino
- Software Development Tools: Git, GitHub, Visual Studio Code
- Operating Systems: Linux (Ubuntu), Windows

PERSONAL PROJECTS

1. Python Number Guessing Game
2. Python Password Generator Project
3. Python Tic Tac Toe Project
4. Bank Management System in C++ project
5. Hangman in C++ project

ACADEMIC PROJECTS

- **Obstacle Avoiding Robot**
Built a fully functional robot that detects and avoids obstacles using Arduino. Integrated ultrasonic sensors to provide real-time path adjustment for autonomous navigation.

- **Bluetooth-Controlled Car**
Developed a Bluetooth-controlled vehicle using Arduino and an HC-06 module. The car could be remotely operated via a mobile app, demonstrating a practical application of IoT.

- **STRING MANIPULATION IN C++**
Designed and implemented various string manipulation functions in C++ for hands-on practice, including character swapping, string reversal, and custom search functionalities.

COURSES

- MACHINE LEARNING A-Z (UDEMY): GAINING HANDS-ON EXPERIENCE WITH ML MODELS IN PYTHON USING SCIKIT-LEARN; WORKING WITH REAL DATASETS TO UNDERSTAND SUPERVISED AND UNSUPERVISED LEARNING.

- GIT & GITHUB BOOTCAMP (UDEMY): LEARNING VERSION CONTROL FUNDAMENTALS INCLUDING GIT BRANCHES, PULL REQUESTS, AND TEAM COLLABORATION WORKFLOWS.

- C++ DATA STRUCTURES & ALGORITHMS: PRACTICING DSA CONCEPTS THROUGH LEETCODE-STYLE PROBLEMS TO IMPROVE PROBLEM-SOLVING AND ALGORITHMIC THINKING.

EDUCATION

- **GERMAN JORDANIAN UNIVERSITY (GJU)**
BACHELOR OF SCIENCE IN COMPUTER SCIENCE (EXPECTED GRADUATION: FEBRUARY, 2026) RELEVANT COURSES: OPERATING SYSTEM, VISUAL PROGRAMMING, SYSTEMS PROGRAMMING, PROBABILITY & STATISTICS

- **CERTIFICATIONS:**
ROBOTICS & IOT IN ENGINEERING GENIUSES COMPANY

LANGUAGES

- ARABIC (NATIVE)
- ENGLISH (FLUENT)
- GERMAN (INTERMEDIATE)