

# Ameer Alwadiya

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**Date of birth:** 07/04/1997 | **Nationality:** Palestinian (Autonomous Palestinian Territories) | **Gender:** Male |

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**Address:** 8/4556, Alshaeaf Street, Alshijaiya, Gaza, 79704, Gaza, Autonomous Palestinian Territories (Home)

## ● WORK EXPERIENCE

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14/02/2022 – 31/07/2022 Gaza, Autonomous Palestinian Territories

**COMPONENT ENGINEER** UNIT ONE (NVIDIA CORPORATION REMOTELY)

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Electrical suppliers' technical responsibility and deep involvement in the technical aspects of products. Working with design groups to establish and source new vendors. Developing a technology roadmap. Providing engineering and operation services. Designing products for manufacturing, with a focus on electrical commodities.

01/12/2021 – 01/02/2022 Gaza City, Autonomous Palestinian Territories

**ELECTRICAL SYSTEM INTERN** SKETCH ENGINEERING

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01/10/2021 – 01/12/2021 Gaza City, Autonomous Palestinian Territories

**QUALITY ASSURANCE INTERN** MERCY CORPS

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15/09/2020 – 01/07/2021 Gaza, Autonomous Palestinian Territories

**TEACHING ASSISTANT** THE ISLAMIC UNIVERSITY OF GAZA

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Support pupils in their education either individually, in groups or as a whole class by giving discussion tutorials, supervising laboratory work and developing lab work instructions. Support the teacher by undertaking duties, grading exams, assignments and coursework.

## ● EDUCATION AND TRAINING

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04/2015 – 06/2020 Gaza, Autonomous Palestinian Territories

**BACHELOR IN ELECTRICAL ENGINEERING** Electrical Engineering Dept. Faculty of Engineering, The Islamic University of Gaza

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**Address** Gaza, Autonomous Palestinian Territories | **Final grade** Excellent degree, 93.04%, First of class

01/09/2021 – 10/11/2021

**GOOGLE DATA ANALYTICS** by Google through coursera.org

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Completed 180 hours of instruction and hundreds of practice-based assessments covering (Spreadsheet, Data Cleansing, Data Analysis, Data Visualization (DataViz), SQL, Decision-Making, Problem Solving, Metadata Data, Collection Data, and Ethics Sample Size Determination)

01/2021 – 03/2021

**INTRODUCTION TO COMPUTER SCIENCE AND PROGRAMMING USING PYTHON** Eric Grimson, John Guttag, and Ana Bell by MIT through edx.org

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Completed 9 weeks condensed online course with 14–16 hours per week covering (Python programming language, some simple algorithms, testing and debugging, an informal introduction to algorithmic complexity, and data structures)

Completed 30 training hours which includes computer network security systems and network fundamentals, held in Gaza

**Address** Gaza, Autonomous Palestinian Territories

## ● **LANGUAGE SKILLS**

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Mother tongue(s): **ARABIC**

Other language(s): **ENGLISH**

## ● **DIGITAL SKILLS**

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Python Programming Language | C++ programming language | IELTS 6.5 | Google Workspace (Google Drive Google Docs Google Slides Google Sheets Google Forms) | PLC | WplSoft Ladder

## ● **ADDITIONAL INFORMATION**

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### **CONFERENCES AND SEMINARS**

26/03/2019 – 27/03/2019 – The Islamic University of Gaza

**IEEE 7th Palestinian Conference on Electrical and Computer Engineering (PICECE)** Jointly organized by the faculty of Engineering at the Islamic University of Gaza, Gaza City (Palestine) and the University of Natural Resources and Life Sciences (BOKU) University, Austria, is scheduled on March 26-27, 2019 to be held on the ground of the Islamic University of Gaza.

### **ACADEMIC PROJECTS**

#### **PIC Microcontroller Embedded System: Frequency Meter**

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Measure the frequency of a socket based on PIC microcontroller and MicroC programming language.

#### **Internet of Things: Smart Socket**

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Implemented a program on a phone using Unity and C# to control the state of the socket on/off and with timer delay using ESP8266 wirelessly.

#### **PID: Panel Balance**

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Designed and implemented a model of a panel to make it balance automatically in real time using Matlab with sumlink.

#### **Machine Learning: Covid-19 Detection Using Anomaly Detection Approach**

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Discover abnormalities automatically in X-ray images data distribution by using GANomaly model and training GANomaly model on normal X-ray images and test it on both normal and abnormal images.