



Abdelrahman Abounida

Date of birth: 21/02/1998 | **Nationality:** Egyptian | **Gender:** Male |

(+49) 15156610400 | abdelrahmanaboneda@gmail.com |

triftstraße 102, 21075, Hamburg, Germany

WORK EXPERIENCE

01/09/2018 – 31/01/2019 – Cairo, Egypt

JUNIOR TEACHING ASSISTANT – GERMAN UNIVERSITY IN CAIRO

I was nominated to be a junior TA at GUC circuits lab, where was responsible for helping students in circuits design by solving any hardware or software problems that face them, and also teach them how to simulate their circuits using PSpice software.

01/09/2019 – 30/01/2020 – Cairo, Egypt

JUNIOR TEACHING ASSISTANT – GERMAN UNIVERSITY IN CAIRO

I was assigned again to be a junior TA at SolidWorks lab- GUC, where I was helping students in any software problem that face them in AutoCAD or SolidWorks software and also teach them some special features and libraries in the program.

EDUCATION AND TRAINING

01/08/2020 – 10/09/2020 – Egypt Bureau 175 Al-Horreya Axis 90 South Road 5th Settlement. Cairo, Cairo, Egypt

BEST IN CLASS 2020 PROGRAM – SIEMENS

I have learnt a lot about Automation process, PLC PROGRAMMING, CNC Machines and the best Part for me was the application of Digitalization in the whole process may be the factory process or a small production line.. The mixture between IOT technology with Machine learning, Computer Vision and deep learning really was a perfect ideas.

Field(s) of study

- Digital industry

<https://www.siemens.com/>

01/02/2020 – 30/05/2020 – 5th settlement, Cairo

IEEE HARDWARE ENGINEER – German University in Cairo

<https://www.guc.edu.eg/>

● LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
GERMAN	A2	B1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Mathematica | MATLAB&Simulink | Microsoft Office

Programming Languages

Python | Java

Software Development

Pyside | PyQt

Front-end

HTML | CSS | JavaScript | Bootstrap

Backend

Django

DataBase

SQL | MySQL

Web Scraping

Selenium | Scrapy | Requests | BeautifulSoup

Cloud Platforms

AWS | Heroku

Data Analysis

Numpy | Pandas | Matplotlib | Excel

Others

Git | GitHub | Postman

● HONOURS AND AWARDS

15/07/2016

one of the top ranked students (2nd) in secondary school (thanaweya amma) – Egyptian ministry of education

The year 2016 can be considered as my start journey of success when I was rewarded by the minister of education as one of the top ranked students all over Egypt.

01/10/2016

Bachelor Engineering scholarship – German university in Cairo

Getting 99.9% in the secondary school give me a great chance to to have a bachelor engineering scholarship at German University In Cairo (GUC).

08/01/2017

a 2-week trip to SIEMENS factories in Berlin, Dusseldorf – SIEMENS

Being one of the top ranked students in Thanaweya Amma (secondary school) pushed SIEMENS company to reward me with a small trip to visit its factories in Berlin and Düsseldorf which really was as an inspiration for me to become a mechatronics engineer, as I was excited with their automation system and the highly technical robots used there.

07/08/2020

Best In Class 2020 DI competition – SIEMENS

In this competition we were trying to develop an automation system controlled with PLC but try to digitalize the system using new appeared algorithms such as computer vision and deep learning and that can be controlled remotely. And my team managed to win the competition and achieve the 3rd place out of 12 teams.

● EDUCATION HISTORY

10/2013 – 01/10/2016

HIGH SCHOOL (THANAWEYA AMMA)

Graduated Class of 2016. Honor Roll

. -I was one of the top ten ranked students allover Egypt (2nd) out of total 500 000 students.

-I got 99.8% (math-branch).

01/10/2016 – 10/07/2021

Bachelor of Mechatronics engineering (GERMAN UNIVERSITY IN CAIRO)

-GPA 1.03 (A with the German scale)

. -was ranked "17th" among the Mechatronics major students in the cumulative ranking until Winter Semester 2019/2020 (out of total 231 students).

01/10/2021 – CURRENT

Master of MEchatronics Engineering (TUHH)
