



Abdelrahman Abounida

Masters of Mechatronics Student

Self-learning and hard work may be important skills for any successful person but for me they are my life

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📅 22 March, 1998

🌐 linkedin.com/in/abdelrahman-yousef-32464a175

☎ 015156610400

📄 abdelrahmanabounida.github.io/webPortfolio

🐙 github.com/AbdelrahmanAbounida?tab=repositories

EDUCATION

Bachelor of Mechatronics Engineering

German University In Cairo

10/2016 - 07/2021

GPA: 1.02 (A)

Master of Mechatronics Engineering

Hamburg university of Technology

10/2021 - Present

GPA: 1.8

WORK EXPERIENCE

Junior Teaching Assistant

German University in Cairo

09/2018 - 01/2021

I was responsible for helping students in circuits lab by solving any hardware or software problems that face them, and also teach them how to simulate their circuits using PSPICE software.

Computer Vision Research Assistant

Fraunhofer

10/2022 - Present

Hamburg

Achievements/Tasks

- Computer vision system for a robot to handle port containers
- System API (django)

Software Design Lab tutor

TUHH

10/2021 - 01/2023

Achievements/Tasks

- I am assigned to help students with any problem they face with their project. they are mainly using Java, Git and Legos EV3 API

Automation Engineer- Student Assistant

Helmut Schmidt University

01/2023 - Present

Hamburg, Germany

I am working on building an automation system, in which we build a traffic system demonstration using a couple of vehicles, sensors, NFR24L01, Wifi module, web dashboard and more.

Python Fullstack developer - OpenAI

Upwork

02/2022 - Present

I created an account on upwork a couple of monthes ago and started developing different software systems in different fields (Web scraping - web developing - general scripting)

TECHNOLOGIES

Python

CSS

Bootstrap

React

Django

Flask

Scrapy

NumPy

Pandas

Tensorflow

OpenAI

Langchain

SKILLS

-Languages (Python – Java - GO), but preferably python

-Frontend: (HML – CSS – JS - Bootstrap - React)

-Backend: (Django - Flask)

-Web scraping: (Scrapy – requests –Selenium - Beautiful Soup), preferably Scrapy

-Database: (SQL – MySQL-mongodb)

-Tools: (Postman – Rest API – Git – Docker - ...)

-Cloud Platforms: (Netlify- Vercel – Google Cloud)

-Data Analysis: (NumPy – pandas- matplotlib)

- NLP (OpenAI, Langchain, Huggingface)

-ML/DL: (Sklearn/Tensorflow), basic knowledge,

ACHIEVEMENTS AND AWARDS

1- One of the top 10 students (2nd) of the whole country (Secondary School)

2- Bachelor Engineering scholarship – German university in Cairo

3- A 2-week trip to SIEMENS factories in Berlin, Dusseldorf- Munchin – SIEMENS

4- One of the top 20 students (17th) allover the university out of 260 students

LANGUAGES

English

Professional Working Proficiency

German

Elementary Proficiency