About section:

I'm a Computer Science student currently studying at the University of Sussex. I was born and raised in Ramallah, Palestine.

Throught the summer I like to work in the banking solution industry where I fix ATM's, Cheque sorter, money counters and man more.

In my free time I have a side business where I fix electronic devices either hardware or fix software problems virtual. As well as I DJ and remix songs and publish them online. Moreover, I love photography and videography in which I make short travel videos on Instagram.

Fun Fact!!!

All background photos are taken by myself using my Samsung A72 phone!!! The Sky is the limit

Projects section:

Pro.1

I always wanted to automate my room but everything was too expensive,

but with the use of the Raspberry Pi and ESP, I turned my Pi into a server and the ESP communicate with the Pi, which I used relays and servo motors to control the lights and different appliances.

Pro.2

After learning Java in the first year of Computer Science I wanted to make an application that lets you keep count of how many drinks did you have and share them with your friends. As well as it makes sure that your friends leave drunk. And most importantly

you can be partying with your friends from different locations!!

Pro.3

When I finished my first year of computer science

I decided to build a portfolio website throughout the summer, and it has been the best experience ever, I learned new programming languages along the way and expanded my knowledge about raspberry pi servers into google cloud servers and my website live on the web with the domain name [www.ramzidaher.com](http://www.ramzidaher.com)

Pro.4

Magic Mirror is an open-source modular smart mirror platform. Which can be installed on a Raspberry Pi, with my Home Automation server I combined both thus I can control the lights through the magic mirror, moreover I used old webcams as a security system built in the Magic Mirror.

Skills section:

Skill.1

Over a two years experience in HTML, It all started when my aunt taught me about HTML basics, and this knowledge expanded when I built a food website for my country and continued with me in the first year of computer science.

Skill.2

After I had a good amount of knowledge of HTML i started learning about CSS, in order to make my designs look much better and make my websites responsive.

Skill.3

HTML, CSS, And JavaScript are the three main languages for web development JavaScript gave me the ability to make websites interactive and develop server applications

Skill.4

I have a good amount of experience in JAVA over a year experience, which started before going into the university and continued with me after my first year of Computer Science at the University Of Sussex, which gave me the ability to make apps using JavaFX and test it out using Test Driven Development.

Skills.5

I started using Python when I first got my first Raspberry Pi which gave me the ability to learn python and started using it to automate my room using the Pi GPIO pins to control all sorts of kinds of stuff such as relays and servo motors. Thus combining all my programming knowledge from HTML, CSS, and Python to build my web server using flask and control my home appliances in my room.

Skills.6

I used Google console to host my portfolio website and different sorts of websites, by creating a virtual machine and installing an apache2 server to host my portfolio. To make it available on the web I bought my own domain from google and connected it with the external IP address of the virtual machine.