About section:

I am a Second year Computer science (with placement year) bachelor’s undergraduate degree student at the University of Sussex.

During my summer vacations I have trained and was part of the team responsible of technical support for a variety of equipment and banking technology systems, e.g., Diebold Nixdorf ATMs, DataCard ID and Financial solutions, Cheque clearing and sorting system and various other banking solutions

In my free time I have decided to venture on a side business providing services tofix and repair electronic devices both hardware and/or remote software fixes. My expertise extends furtherperfoming as a DJ creating and remixing songs and publish them online. Moreover, I love photography and videography in which I make short travel videos on Instagram.

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Fun Fact!!!

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

Im currenly working part time as an IT assitant with finicalial responsiblities in the IT department in the univeristy of sussex student union

Projects section:

Pro.1

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

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

Pro.2

After learning Java I wanted to develop an application that offers you keep count of how many drinks a person had 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, and it turned out to be one of the best experience ever, I learned new programming languages and further developed my knowledge about raspberry pi servers into google cloud servers. My website was 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

, It all started during scholl days when my aunt taught me about HTML basics. Over a two years experience in HTML, I developed 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, which started before going into the university and continued with me after my first year of Computer Science which offered me the ability to make apps using JavaFX and test it out using Test Driven Development.

Skills.5

From my early days at school I used Python to programme my Raspberry Pi on 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. Combining all my programming knowledge from HTML, CSS, and Python to build my web server using flask and control my home appliances.

Skills.6

I used Google console to host my portfolio website and different types 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.