

Personal details



Hussein Tantawy



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Personal Statement

I'm an ambitious student with proven experience with strong team skills. This is because most of my work experience has been shaped by working with a team which enhanced my cooperative skills. I'm very much looking forward to the software engineer placement role that will allow me to thrive in an environment that requires rigorous problem-solving skills and the ability to collaborate in a diverse environment. I champion integrity and discretion for both colleagues and business relationships.

Soft Skills

- **Analytical and Problem solving**

I was part of a team project in a hackathon event that required effective solutions to complex problems. For example, creating a system to allow new people to connect on the first day of the event. I have contributed to this project by designing the main website of the project itself using HTML.

- **Management**

I had the opportunity to guide a team project during my second year at university, my responsibility was to ensure that everyone was contributing equally to the project and producing the best possible output

- **Presenting Skills**

I had the chance to deliver a presentation during an event in school about the evolution of quantum computers and how they are able to solve complex modern computational problems that a regular computer couldn't solve and this demonstrated my ability to present effectively to the audience and communicate with them

Computer Skills

- **Software Development**

I was given an opportunity to work in a group project to develop a project using the software development lifecycle technique. This technique was applied in my team project we conducted about designing an innovative bike app that allows citizens to store their bikes in a more efficient way

- **Python**

I had the chance to develop my own personal projects using python and this reflected my understanding of the language

- **C**

My skills in C were demonstrated through understanding how the Linux operating system operates and how memory optimization works with C

- **HTML and CSS**

I have completed a full course about the fundamentals of HTML and CSS and I have developed my own website to demonstrate my understanding of the language

- **SQL**

I completed a full project using MySQL and this project helped me gain a thorough understanding of the language

Personal Projects

- **Ping Pong Game**

This project involved creating a two-player ping pong game using Python. The

game requires two players and it has a scoreboard to keep track of the winner. The project introduced me to how a GUI is designed in python and how to use it to design a game.

- **Bitcoin Bot**

I used my understanding of the Python language to create a bitcoin bot to predict the daily prices for the cryptocurrency market.

- **Weather API**

This project was created using Python to be able to gather data and information about the general weather of any city in the world. The project introduced me to API keys and the concept of web scraping.

- **Email Bot**

This project was created using python and it has the ability to send emails to anyone. This project demonstrated my understanding of how libraries work in Python and how to establish an SSL connection with the server

- **Software Engineering Module - Klyp app**

This project involved creating a prototype of an app that has the capability and innovation to allow bike users to store their bikes more safely and efficiently. This project was completed in a group and introduced the practice of scrum.

Work Experience

Student Ambassador

Feb 2022 - Present

University Of Birmingham

- I had the chance to handle events and work in a team to deliver services to students. I had the opportunity to be responsible for students by guiding their way through University.
- Engaging with different age groups, allowed me to be more effective in my communication and address specific topics in a particular way. This was very useful to me as its a skill that can be transferred to the workforce allowing me to understand customer needs better and giving me the opportunity to be more creative and innovative
- Being a good communicator, enthusiastic and positive, I enjoy interactions and hope to put people at ease by providing them with my perspective

Holy Land Dates

Mar 2022 - Apr 2022

Birmingham

I had the opportunity to work in a batch production-based company and I have explored the diversity of a workforce which helped me gain an understanding of how to function in a diverse environment.

Education

University Of Birmingham

- University Of Birmingham Artificial Intelligence and Computer Science BSc (2021-2025)
- Kaplan International College (2020-2021)
- Modern English School Cairo (2009-2020)

Personal Interests

Reading, writing, and researching

I spend my free time summarizing books in both English and Arabic. I'm certain this will be very useful in the workplace as I'm able to document any project proficiently and discuss ideas effectively with potential customers

Going to the Gym

This is one of the most significant activities I do throughout my life and dedicate 5-6 days in the week to it. Dedication and persistence were the key elements that I took out from going to the gym almost every day.