

KARAN VANI

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OBJECTIVE

An ambitious, skilled, and knowledgeable computer science student. I am keen on solving problems using algorithms, automated solutions or by using out of the box ideas. Seeking a role in the software development and networking industry, while simultaneously gaining experience in an organizational workspace.

EDUCATION

2020 – Present **University of Brighton, BSc (Hons) Computer Science**

First

Cyber Security (1.0) – In the first semester we studied the theory in the fundamentals of networking. Our topics included DNS, operating system security and malwares to penetration testing and cloud security IoT security, and many more. I went into a rabbit hole while studying the theory of networking *resulting in a 95%*

Programming (1.0) – We were given three templates to choose from, I chose to improve their breakout game. The Template given to us was bare. I completely reworked the code, which made it easier to read and test, and fixed the issue of collision, which the university said no one had done before. Fully coded in Java/JavaFX.

Working in the computing industry (1.0) – This module was a group project aimed towards making a website and presentation as if working in the industry. I led a team of 3 students and taught them an effective way of collaborating remotely, using GitHub, git, and Trello, while organizing and recording the minutes of each weekly meeting.

2020 – Present **ATHE, Bachelor degree in Business Administration**

Results to Be determined

Resource Management – Work in progress

Organizational Behavior – Work in progress

2018 – 2019 **University of Brighton International College, Foundation Certificate in Computer Science**
2.1

I was a student representative for the mathematics and computer science departments for the students of that year. Responsibilities included, ensuring teachers heard what the students had to say through us, helping students get over home sickness and isolation, organize events such as football matches and international and national festivals and holidays and encourage students to engage in them.

2015 – 2017 **Pakistan International School Cairo,**
O Levels

A representative of the student council, distinguished delegation at a MUN (Model United Nations), volleyball team captain, won multiple sports medals, winner of the debate competition.

TECHNICAL SKILLS

- Java
- Python
- HTML
- CSS
- JavaScript
- Linux/Unix
- Git

PROJECTS

Personal Portfolio Website

Made a completely responsive website for myself, using HTML, CSS, and JavaScript. Took a mobile first experience and built media queries for the larger screens. This website will be under constant remodeling to show case my skills, projects, achievements, and contact details.

RELATIVE WORK EXPERIENCE

October 2019

Damas Engineers

– June 2020

Used WordPress, HTML and CSS to completely overhaul the company's entire website.
Shadowed a specialist working on machines and their operating systems and code (C, C++)
Attended exhibitions which included companies from around the world attending.
Tasked to connect with companies and improve the network leading to possible clients.

INTERESTS

Computers – Ever since I was young, I have been into computers. I started out by playing video games and surfing the internet. Being passionate towards video games, I made tiny project games using the unity engine to understand how games are made. I then learnt how to build computers of different specializations and requirements. Since then, I have built computers for friends and family. While working with the hardware I was interested in what makes a computer tick, thus majoring in computer science.

PERSONAL QUALIFICATIONS AND EXPERIENCES

- Distinguished delegation at Model United Nations
- Announcer and speaker at events in school
- 1st place award winning debate speech