

# KARAN VANI

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## PROFILE

An ambitious, skilled, and knowledgeable computer science student, keen on solving problems using algorithms, automated solutions or by using out of the box ideas. Seeking an intern 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**

**Overall Grade First**

1st Year modules include:

Cyber Security, Programming, Working in The Computing Industry, Web Development, Artificial Intelligence, and Computing Technologies.

**Cyber Security** – 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. *Achieved a 95%*

**Programming** – 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. *Achieved a 75%*

**Working in the computing industry** – 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. *Achieved a 77.5%*

2020 – Present **ATHE, Bachelor's 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**

**Overall Grade 2.1**

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**

English (B), Physics (B), Information and Communication Technology (C), Mathematics (C), Biology (C), Chemistry (D)

## TECHNICAL SKILLS

- Java
- Python
- (Kali) Linux/Unix
- Python
- HTML
- Git
- JavaScript
- CSS

## 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.

## WORK EXPERIENCE

Actual dates

### Damas Engineers

Part time training/internship

Maintenance and administration of the company's website using WordPress, HTML and CSS to completely overhaul the company's entire website.

Shadowed an IT manager working on Paper and pulp machines and their operating systems which included basic coding skills in C and C++.

Attended global paper machine exhibitions in Egypt.

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 and video. Being passionate towards video games, I made project games using the unity engine to understand how games are made. I then learned 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.

**Sports/Fitness** – Since high school I was into sports, being the volleyball team captain taught me how to form synergies with my teammates and between other players. I go to the gym regularly to keep my body in shape and being physically and mentally healthy.

## Achievements

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