# Khaled Qasim

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**CV Website:** https://khaledcv.netlify.app/

## Personal Statement

Tech-Savvy second year Cybersecurity student and a logical thinker when it comes to problem solving. Highly adaptable to new technologies and workable in any diverse team as I am a international student that has worked with people of all types and skills.
Fluent in Arabic and English.

## Education

**Aston University**                                     **September 2020 - April 2025**
**BSc Cyber Security (with placement)** - $2^{nd}$ year undergraduate
First Year Grades : **First class honours. Average : 76.59**
Core Modules: Secure Network Services – Human Factors in Security – Data Encryption, Data Integrity, and Authentication – Object Oriented Programming – Internet Applications and Database Design

**New English School (Kuwait)**                     **September 2015 - June 2020**
A Levels : Computer Science , Chemistry , and Biology : **A* , A* , A**  respectively.

## Work  Experience

**Oriental Roses Est.**                                             **December 2020**
- Tasked with building both frontend and backbend of a responsive gallery website
- Added an admin panel so that non-technical individuals can add and edit its galleries
- https://orekuwait.online/gallery

## Projects

**Laravel E-commerce Site:** Developed a secure industry standard  e-commerce website :
https://210169438.cs2410-web01pvm.aston.ac.uk/e-commerce/public/
Source Code : https://github.com/KhaledQasim/e-commerce

**React CV Website:** Well designed and responsive CV website that includes interactive particles and 3D-Models.
Link: https://khaledcv.netlify.app/

**NFC Reader/Writer:** Built a Ardunio and MFRC522 RFID module setup to crack the encryption keys on a mifare NFC card which allowed to freely read the card and write it's contents to any other NFC card, effectively cloning it.

**Ardunio Pump**: Built and coded a arduino pump controller that auto detects bottles via a ultrasonic sensor and pumps liquid in them until a set volume is reached.

## Accredited Certifications

## Virtual Internship : MasterCard Cybersecurity Virtual Internship Program
- Gained a comprehensive understanding on various human factors in security
- Learnt skills that identify and prevent an array of security attacks, for example phishing attacks


## Virtual Internship : Visa Token Service Technology Virtual Experience
- Learnt real word methods of confirming the validity of a VISA transaction request
- Gained a deep understanding of how the VISA APIs work and which one to use in specific scenarios

# Valuable Skills

- **Penetration Tester**  - Experienced with various penetration tools from aircrack-ng to crack a Wi-Fi handshake, to c++ arduino programming to crack encrypted NFC cards and clone them. Also used  OWAZP ZAP to test the websites I create and make sure they have no vulnerabilities and are up to industry standards.

- **Intermediate Object Oriented Coder –** Wrote multiple Java programs using OOP architecture such as 2D games and a secure TLS socket chat server/client.

- **Linux enthusiast –** Have been using Linux (kubuntu) as my main OS for 2 years and have extensive knowledge of its inner workings and its terminal commands.

- **Cloud Hosting-** Past experience with using **AWS** and **Linode** for hosting web applications on a specific domain with https configured via Cert-Bot.

- **Technical Skills:**
  - **Java**
  - **MySQL**
  - **Linux Scripting**
  - **Spring Boot**
  - **React**
  - **JavaScript**
  - **Laravel**
  - **Git**
  - **GitHub**