



# Yassin Talal Al Shaaban

UAE, Dubai

Mobile: +971543250230

Email: [yassin.sh2@hotmail.com](mailto:yassin.sh2@hotmail.com)

I am seeking to find a job in a stimulating environment that enables me to innovate, develop my skills and experiences, gain new experiences in my field of work and achieve my goals and objectives of the organization.

## SUMMARY

I learned numerous from programming languages extensively including web back and front end languages such as **HTML5, CSS, JavaScript, PHP**.

also, a considerable knowledge in databases using especially in **MySQL, PL/SQL**.

Well-versed in(**OOP**) and Application development using **C++,Java**.

In addition, how to setup AI services like Pattern recognition and Assistant chat bot using Deep learning algorithms and artificial neural networks using **Python**.

## WORK EXPERIENCE

- **FRAP (Financial Risk Analysis Platform), GraduationProject.**

**2021/10/24 - 2022/5/24 – Umm Al-Qura University – Makah, Saudi Arabia.**

- A platform based on Fin tech algorithms to automatically analyzes financial risks when granting loans to customers seeking online financing.
- Estimate risk assessments (probability x impact) and determine appropriate measures to deal with them and manages and filters financing requests,
- identifies target customers, calculates changes in financial data.
- provides an interface for partners to offer financing options.

- **Training is on- the job, Smart methods Company, Makah**

**6/6/2021- 31/8/2021 – Makah, Saudi Arabia.**

I worked in SmartMethods Est in Internet of Things Department (**IOT**) and software development,

- I performed Several tasks successful missions at a rate of **420 working hours** I gained.
- Full Stack Robotics Engineer.
- Install Robot Operating System (ROS) Melodic on NVIDIA Jetson Developer Kits.
- Install Robot Arm on ROS Noetic.
- Develop a robot arm control panels for engines and movement direction, by Moveit and kinematics.
- Assistant chat bot along with the panel.
- IBM Watson STT and TTS services and link it to the chat bot.
- were all approved design and codes and implementation has been used in four project which is commercially available products.

Projects implemented during the training:

- Robotic docks station
- Robotic Arm as 3D printer
- Humanoid interactive robot
- Brushless High torque motor implementation



- **A (CIPHER SOLVER) web application for encrypt and decrypt**  
Nov 2021 – Dec 2021 Assignment project, Umm Al-Qura University.  
A web application for encrypt and decrypt that supports Arabic and English texts with more than four different encryption methods, with control over the generation and entry of several keys.
- **I worked on several diverse software projects, including assignments in software engineering and Ai, and special projects:**  
May 2019 – June 2022 , Umm Al-Qura University.
  - Web applications for managing hotel reservations
  - a virtual school management project.
  - an electronic library management application
  - a double pendulum simulation application.
  - games development using the Unity engine, and many other projects.
- **Trained in Bootcamps Tuwaiq Academy**  
May 2022 – June 2023, Saudi Arabia
  - Accepted in Cybersecurity Initiative.
  - AWS cloud computing course training
  - Completion of a UX/UI course training program
  - Self-learning about Networking & Cybersecurity.
- **Certificate of completion of a COOP Training program at (SDAIA)**  
the Saudi Data and Artificial Intelligence Authority in Institutional Communication management - Digital Media Department
- **I have extensive experience in computer maintenance,**  
both hardware /software.

## EDUCATION

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### Umm Al-Qura University

- **Associate degree Computer Science**, IT and Technical Support - The Applied College  
with a GPA **3.79** Out of **4** and overall grade Excellent with first honors  
Jan 2017 – Apr 2019 Makah, Saudi Arabia.
- A graduation Certificate Certified by the Saudi Foreign Ministry and Certificate of Good Conduct  
Certified by the university.

### Umm Al-Qura University

- **The Degree of Bachelor of Computer Science** - College of Computers and Information Systems  
with a GPA **3.17** Out of **4** and overall grade Very Good  
2019 - 2022 Makah, Saudi Arabia.
- A graduation Certificate Certified by the Saudi Foreign Ministry and Certificate of Good Conduct  
Certified by the university.



## Courses

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**CCNAv7: Bridging** – Completing the Cisco Networking Academy® CCNAv7: Bridging course.

- Configure WLANs using a WLC and L2 security best practices.
- How vulnerabilities, threats, and exploits can be mitigated to enhance network security.
- How VPNs and IPsec secure site-to-site and remote access connectivity.
- How network automation is enabled through RESTful APIs and configuration management tools.

**CSFPC**- Successfully passed the certification exam for Cyber Security Foundation Professional Certificate - Based on CyBOK version 1.0.

**Cybersecurity Incident Response Analysis at STC** - A simulated virtual work experience by STC to work in the field of cybersecurity in cooperation with the Misk Skills Foundation.

**NVIDIA DLI Certificate** – successful completion of Building Video AI Applications at the Edge on Jetson Nano.

**Data Collection, Processing and Analysis**- Certificate of Completion Successfully Cours "Data Collection, Processing and Analysis" by UNICEF

**Misk Career Essentials Program** - Certificate of completion of the Career Essentials program from the Misk Skills Foundation.

**Digital marketing from Google** - Certificate of completion of the digital marketing training program.

**Entrepreneurship**- Completing the Cisco Networking Academy® Entrepreneurship course.

**Secure Cloud Computing with Azure from Microsoft** - certificate completion of the session on Secure Cloud Computing with Azure.

**Ethics of using big data and artificial intelligence**- Intensive training course - College of Computers and Information Systems at Umm Al-Qura University.

## SKILLS

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- Strong understanding of IT and cybersecurity frameworks and standards,
- A keen eye for detail and a knack for communicating complex technical information in a clear and concise manner.
- evaluating IT General controls, such as access controls, network security, and data encryption. and developing recommendations for risk mitigation.
- Knowledgeable in data analysis and reporting tools, such as Excel, python, or Oracle PL/SQL.
- Decision Maker, Leadership Skills, Team Worker, Communication skills, analytical skills.
- Negotiation skills, Self-Learner, Problem Solver.
- Knowledge of using Microsoft (Excel, Access, Word, PowerPoint), Visual Studio, MATLAB
- Android Studio, Bootstrap, Flutter, XAMPP, WampServer, Cisco Packet Tracer, Wireshark
- Adobe (Premiere, After Effect, Photoshop, XD),
- OS (Kali Linux, Ubuntu, Windows Server)

## Languages

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- English
- Arabic

