

Hassan Ali Gohal

Computer Science

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SUMMARY

I am a Computer Science graduate from Prince Sattam bin Abdulaziz University, with training experience at Taqnia EST by PIF. I am skilled in front-end web development, including HTML, CSS, and JavaScript, and have experience working with MySQL databases using PHP. Additionally, I have engaged in projects involving metaverse technologies, where I worked as a 3D designer. I am eager to further develop my skills and gain experience through professional opportunities.

EDUCATION

Prince Sattam Bin Abdulaziz University (PSAU)

Bachelor of Computer Science

2018-2024

PROJECTS

Metaverse Online Shopping (Graduation Project):

Online shopping has become easier with the Metaverse, as we have combined a shopping site with the virtual world using Metaverse technologies and VR, and we look forward to making it effective with several stores in the future.

Using: Blender, Unity3D, HTML, CSS, JavaScript, PHP, MySql, C#, and VR.

VR Cycling:

To make the sport new and fun, we connected the bicycle to several sensors, linked it to an Arduino, and sent signals to VR to create an immersive and unique experience.

Using: Unity3D, Arduino IDE, Sensor's, VR, and C#.

Full-Stack portfolio:

Make my website. I want it to show off my projects and share information about me. Keep it simple and easy to understand.

Using: HTML, CSS, JavaScript, PHP, and MySql.

Metaverse meeting platform (SaudiVerse):

The SaudiVerse platform offers a service catering to both government agencies and private sectors. It enables the consolidation of multiple agencies within a single virtual world, streamlining collaborative work processes using VR.

Using: Unity3D, Blender, Maya, VR, and C#.

Real-Time Object Detection (YOLOv8):

I built a real-time object detection system leveraging YOLOv8, a deep learning architecture. This system employs a live camera feed to continuously identify and track objects within each frame.

Using: Python, web cam, and YOLO v8.

AR experience:

Create AR experiences with Meta Spark Studio. I created two AR filters for Tuwq Academy's Leap and Foundation Day events.

Using: Meta Spark Studio.

COURSES

- Metaverse Skills Bootcamp – *Tuwaiq Academy*
- Specialization Web Design for Everybody: Basics of Web Development & Coding - *Michigan University*
- Introduction to DevOps – *IBM*
- Introduction to Software Engineering – *IBM*
- Python for Data Science, AI & Development – *IBM*
- What is the Metaverse? – *Meta*
- Pathway web development – *Fuel*

ACHIEVEMENTS

- **1st Place** in the College of Computer Engineering and Sciences [**Innovation and invention Competition**].
- **4th Place** (out of 66 projects) university-wide [**Innovation and invention Competition**].
- **1st Place** as the Best Graduation Project at the **Final Year Projects Exhibition**.
- **2nd Place** in Code-In Programming skills and problem-solving.

SKILLS

- **Languages:** Arabic, English.
- **Technical Skills:**
 - **Programing Language:**
JAVA, Python, and C#.
 - **Front-End Development:**
HTML, CSS, JavaScript, Bootstrap, and Tailwind.
 - **Back-End Development:**
PHP, and MySQL.
 - **Metaverse & Games Development:**
Unity3D, and C#.
 - **3D Modeling:**
Blender, and Maya.
 - **Mobile Application Development:**
Dart, and Flutter