

# NOUR EI HECK

Computer Engineer

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## SUMMARY

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Computer Engineer with expertise in software development using React, Node, HTML, and AI/XR. Skilled in building websites, AI/XR projects and models using C# and python.

## EDUCATION

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- **Master's Degree (M1) in Computer and Communication Engineering** | October 2024-Present  
Lebanese International University – LIU
- **Bachelor's Degree in Computer Engineering** | October 2020 – May 2024  
Lebanese International University – LIU

## WORK EXPERIENCE

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### **AI and XR Inter** | Present

Lead By Tech

- **XR Development with Unity:** Gained hands-on experience using Unity, including implementation of asset templates, camera movement, lighting, audio, ProBuilder, ProGrids, Shader Graph, and NavMesh for immersive experiences.
- **AR Integration:** Worked on Augmented Reality applications using Vuforia and Spark AR, including scene tracking, 3D object placement.
- **AI & Machine Learning Foundations:** Developed a solid understanding of machine learning principles and explored practical AI integrations using pre-trained OpenAI models in personal projects.
- **Interactive Systems & Input Handling:** Implemented user interaction systems using Unity's Input System and developed controller-based navigation to enhance real-time XR simulations.

## Technical Projects

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### • **Image To Text Extractor Project – August 2024**

Develop a predictive model using python by using Pre-Built Ai Models such as OCR tools like Tesseract. And Streamlit package to upload the image and display the text using mobile or simple interface like website.

### • **Poly Clinic Management System (Senior Project) – May 2024**

Built web-based system using Laravel, Bootstrap, HTML, CSS, JavaScript, Json, and SQL to streamline service requests.

### • **Jewelry AR Visualization Project – In Progress**

Designed 3D jewelry and integrated them into an Augmented Reality experience using Unity and Vuforia. Utilized 3D modeling techniques for design accuracy and implemented AR camera placement to visualize jewelry on the user's hand, wrist, and neck in real time.

## COURSES AND CERTIFICATES

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- **Full Stack Engineer** | APEX Center February2024 – June2024.
- **QA, Mobile Development** | Xpert Academy May2024 – September2024.

## SKILLS

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- **Soft Skills:**

Communication – Problem Solving – Team Collaboration – Adaptability – Creativity – Teamwork – Time Management.

- **Technical Skills:**

- **Operating System and Networking:** Windows – Linux
- **Programming:** C# - C++ - Python – React – Node – JavaScript – Tailwind – SQL
- **Languages:** English – French – Arabic