Ahmad Ibrahim

Fourth year Computer and Communication Engineering student with a strong focus on Systems and Networks, as well as Artificial Intelligence. I have demonstrated programming proficiency and a capacity for rapid learning, and am actively seeking opportunities to contribute innovative solutions to the progressive tech field.

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Linkedin Profile

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EDUCATION

**Bachelors of Engineering, CCE
Systems and Networks Specialization**

**Antonine University
Fall 2022- Expected Spring 2027**

EXPERIENCE

AI & XR intern - Auvia Group   **Jul 2025 - Oct 2025**

Contributed in the development of XR solutions focusing on augmented reality (AR) applications. In addition to integrating computer vision using Mediapipe for object detection and scene understanding. I collaborated on multiple projects and gained practical exposure to advanced AR techniques.

NLP intern - Elevvo Pathways   **Sep 2025 - Oct 2025**

I gained hands-on experience across the Natural Language Processing (NLP) pipeline, working through key modules such as text preprocessing, word representation, embeddings, transformers, Arabic NLP, and large language models. This track allowed me to not only understand the theoretical foundations but also apply practical techniques in gaining exposure to real-world NLP applications

PROJECTS

Age and Gender Detector   **Apr 2024**

- A machine learning project, that uses TensorFlow and Keras to detect gender and predict age from facial images in the UTKFace dataset.

- Built and trained a convolutional neural network with multi-task learning for simultaneous classification (gender) and regression (age) tasks

AR Smart House   **Jul 2025**

- Developed an interactive AR application using Unity, AR Foundation, and ARCore for Android devices and implemented plane detection to allow users to place a 3D house model on real-world surfaces.

- Enabled immersive navigation: users could walk around the house in AR, and upon tapping the door, seamlessly enter the interior environment where they are able to interact with interior objects.

Technical Skills

- **Frameworks:** Spring Boot, Nodejs, Keras, Tensorflow, Mediapipe, NLTK, Vuforia
- **Systems & Administration:** Ubuntu, AlmaLinux, WindowsServer, kernel development, Interconnection of Open Source Systems