

# Hamza Alzahrani

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## SUMMARY

Artificial Intelligence student with (4.47 GPA) and multiple top-tier certifications from (Harvard, DeepLearning.AI, NVIDIA, KAUST). skilled in Python, NLP, Computer Vision, and Deep learning. Have ability to lead development teams, architect AI solutions, and deliver technical presentations.

## CERTIFICATIONS

- **Harvard University:** CS50's Introduction to Artificial Intelligence with Python
- **NVIDIA:** Building Transformer-Based Natural Language Processing Applications
- **KAUST Academy:** Advanced Artificial Intelligence Course
- **DeepLearning.AI:** Mathematics for Machine Learning & Data Science Specialization

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, SQL

**Frameworks & Tools:** TensorFlow, PyTorch, Pillow, CUDA, Blender (3D modeling)

**Core Competencies:** Artificial Intelligence, NLP, Computer Vision, Generative AI, Software Engineering

**Spoken Languages:** Arabic (Native), English (Professional)

## EXPERIENCE

### Host and Teacher

*IAU Google Students Club*

- Taught an interactive course in 3D art and Blender to university peers under the Google Student Club
- Prepared and delivered high-quality educational material, resulting in over 20 students passing the course
- Achieved significant engagement with around 35 live participants and over 300 views on the recorded lecture

### Seller and Service Staff

*As3a Platform for Flexible Work*

- Worked across multiple companies in various part-time roles, accumulating 154 working hours
- Collaborated with diverse teams and engaged directly with customers to execute operational tasks, significantly enhancing adaptability, teamwork, and interpersonal communication skills

## PROJECTS

**HARIS (Anomaly Detection)** | *Python, Computer Vision, Deep Learning*

Aug 2025 – Present

- Architected a computer vision system designed to detect suspicious individuals in real-time video feeds
- Researched and evaluated deep learning models to maximize detection precision and accuracy within surveillance data

**Examiy (AI Exam Generator)** | *Python, NLP, GenAI*

Sept 2024 – Dec 2024

- Engineered an AI-powered educational tool utilizing NLP and Generative AI to parse complex academic lecture slides
- Automated the generation of comprehensive quizzes, streamlining the assessment creation process

## EDUCATION

**Imam Abdulrahman Bin Faisal University (IAU)**

AL-Dhahran

*Computer Engineering, focus in Artificial Intelligence*

*Current*

- **GPA:** 4.47
- **Relevant Coursework:** Programming for AI, Software Engineering, Databases
- **Extracurriculars:** Competitive programming, web design (HTML/CSS), and game development via student clubs