

# Hassan Alshanqiti

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Portfolio: <https://opmyth.github.io/>

A **Computer Science** graduate with a Minor in **Statistics and Data Analytics** from the United Arab Emirates University with a **GPA: 3.83/4.0**. An aspiring Machine Learning Engineer with hands-on experience in deep learning and computer vision gained through an internship at **TII**. Worked on cutting-edge projects including Falcon Med-VQA, demonstrating practical application of ML techniques. Founded Tanafos Company, leading innovative AI-driven projects. Proficient in Python, and AWS services. Awarded for innovation and entrepreneurship. Bilingual in Arabic and English. Passionate about developing impactful AI solutions.

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## EDUCATION

**B.S Computer Science – Minor Statistics and Data Analytics**  
**United Arab Emirates University**

**2020 – 2024**

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## WORK EXPERIENCE

**Intern –Technology Innovation Institution (TII)**

**May 2024 – Present**

### Key Responsibilities:

- **Configured** and deployed AWS S3 buckets, SageMaker notebooks, and EC2 instances for deep learning projects.
- **Engaged** in weekly Med-VQA meetings, discussing project progress and challenges.
- **Attended** deep learning courses on Neural Networks, Hyperparameter Tuning, Sequence Models, and Generative AI, applying concepts to projects.
- **Managed** data tasks, including downloading and setting up training datasets for Med-VQA.
- **Gained hands-on experience** with vision LLMs (Large Language Models) and VIT (Vision Transformer) technologies, applying them to the Med-VQA project.
- **Assisted** in the development and testing of vision-language models for medical image analysis and question-answering tasks.
- **Developed** and implemented data loaders.
- **Created** and modified a Gradio demo based on team feedback for Med-VQA applications.
- **Coordinated** the integration of Falcon2 models and GPT-4 evaluations.
- **Developed** reports and presentations on project progress.
- **Co-authored** a demo paper for submission to the AAAI Conference, detailing the Med-VQA project's advancements and applications.

**Founder – Tanafos**

**Jan 2023 – Feb 2024**

### Key Responsibilities:

- **Developed** the app's vision and strategy to unify the football community.
- **Led** a multidisciplinary team in the app's design, development, and deployment.
- **Conducted** market research to shape app features and functionalities.
- **Oversaw** marketing efforts, including social media and community outreach.
- **Implemented** user feedback to improve the app.
- **Monitored** key metrics to assess performance and user engagement.

**Key Responsibilities:**

- **Delivered** dedicated public service in the UAEU main library for **over a year**.
- **Assisted** library users with locating resources, checking in/out materials, and addressing inquiries.
- **Helped** maintain an organized and conducive environment for academic and research activities.
- **Collaborated** with library staff to support various initiatives and events.
- **Demonstrated** strong customer service skills and commitment to promoting an effective learning environment.

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**AWARDS & CERTIFICATE**

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**1<sup>st</sup> place at Entrepreneurship and Innovation Pre-Seed Funding Competition****Jan 2023****SDAIA ML Bootcamp****Dec 2023 – Jan 2024****1<sup>st</sup> place at 8<sup>th</sup> Sharjah Chamber Award for Innovators****Feb 2024****Dean's Honor List****Dec 2021 – May 2024**

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**SKILLS**

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- **Languages** – Bilingual; Fluent in Arabic and English.
- **Technical Skills:** Python, Pytorch Framework, Java, R, SQL, Tableau, AWS services, SageMaker, GitHub, MLOps
- **Communication Skills** – Proven ability to convey information effectively, both verbally and non-verbally, in various settings.
- **Management & Organizational Skills** - Evident capability in managing time effectively, prioritize tasks, setting goals and focused on deadlines to handle complex projects efficiently.
- **Fast Learner & Adaptable** – Ability to quickly and effectively acquire new knowledge and skills and adaptable to different settings & environment.
- **Networking Skills** – Excellent at establishing and nurturing relationships with people in the industry or related fields.