

LEEN KHAROUF

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EDUCATION

New York University

Bachelor of Science in Computer Engineering / GPA: 3.8/4.0

Attended NYU Tandon School of Engineering, New York, USA | Aug 2023 - May 2024

August 2021 - May 2025

Abu Dhabi, UAE

PUBLICATIONS

MedArabiQ: Benchmarking Large Language Models

MLHC 2025

Co-Author, Conference Paper

Authors: M. Abu Daoud, C. Abouzahir, L. Kharouf, W. Al-Eisawi, N. Habash, F. Shamout

EXPERIENCE

Postgraduate Trainee – Clinical AI Lab

May 2025 – July 2025

Center for AI and Robotics (CAIR), NYU Abu Dhabi

Abu Dhabi, UAE

- Benchmarked and evaluated LLMs (e.g., Falcon, Gemini, GPT) for Arabic telemedicine in high-performance computing (HPC) environments, conducting error analysis and cross-architecture comparison.
- Contributed to dataset construction, multilingual formatting, and preparation for shared tasks.
- Authored literature reviews and collaborated on academic publications with a cross-disciplinary team.

Research Assistant – Clinical AI Lab

Sep 2024 – May 2025

New York University Abu Dhabi

Abu Dhabi, UAE

- Built benchmark datasets for Arabic healthcare NLP tasks, ensuring linguistic and cultural accuracy.
- Supported LLM fine-tuning and evaluation for tasks including medical Q&A and clinical note generation.
- Designed evaluation frameworks focused on bias, safety, and real-world applicability.

Freelance Artist and Creator

Oct 2021 - Present

Personal Creative Practice

Abu Dhabi, UAE

- Created personalised artworks for a diverse client base, tailoring commissions to specific requirements.
- Created branding and marketing materials, utilizing industry-standard tools like Adobe Photoshop and Figma.
- Managed end-to-end project delivery, including client interaction, conceptualization, and final execution.

Equipment Center Assistantship

Jan 2023 - May 2023

New York University Abu Dhabi

Abu Dhabi, UAE

- Managed equipment check-in/out, maintenance, and inventory control for a diverse range of technical devices.
- Supported training sessions, assisting students and faculty in the effective use of specialized tools and resources.

PORTFOLIO

Personal Portfolio Website (HTML, CSS, JavaScript)

- A responsive personal portfolio website showcasing my engineering and artistic projects.
- The site is fully coded using HTML, CSS, and JavaScript, with interactive elements for user engagement.
- leenkharouf.github.io

SKILLS

Programming Languages: C++, Python, C, C#, Javascript, Typescript, React, HTML/CSS, MATLAB, Verilog

Technologies: Altium, Jupyter, Scikit-learn, Pandas, Unity, Adobe Photoshop, Figma, Procreate, NumPy, Arduino, Max/MSP, AbletonLive, PCB Design, Cadence

Languages: English (fluent), Arabic (native), Spanish (intermediate)