

Ahmed Tareef Arafa

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PROFESSIONAL EXPERIENCE

Politecnico di Milano — *Teaching Assistant*

SEPTEMBER 2025 - PRESENT | PART-TIME

- T.A. in the Master's Course "Thematic Studio" led by Prof. Simone Giostra at POLMI.
- Teaching students how to incorporate AI in their design development process.
- A Design Studio titled "Energy Collectives".
- Focuses on the Circular economy and FOOD / ENERGY / WASTE / WATER + HOUSING.
- [Course Details](#)

Ophir Studio — *Intern Architect*

FEBRUARY 2025 - MAY 2025 | PART-TIME

- Research on the applications of Nvidia's Omniverse in Architecture.
- Created detailed diagrams and assembled presentations for clients.
- Created high-quality 3D models, material selections, renderings, and post-production visuals.

AASTMT — *Teaching Assistant*

JANUARY 2025 - JULY 2025 | PART-TIME

- T.A. in the Bachelor's Graduation Studio led by Prof. Kareem Nabil.
- Studio Titled "WARSCAPES".
- Focuses on Proactive War Adaptation, During Conflict Survival, and Post-War Recovery.
- [Student's Work](#)

George Harris Collaborative — *3D Visualizer*

JANUARY 2022 - NOVEMBER 2022 | FULL-TIME

- Contributed to design development and visualization of landscape projects in Canada & Saudi Arabia.
- Created high-quality 3D models, material selections, renderings, and post-production visuals.
- Collaborated with design teams to refine concepts and project presentations.

MOAVAI — *Junior Architect*

SEPTEMBER 2021 - JANUARY 2022 | FULL-TIME

- Managed small projects from concept to construction, including 3D modeling and working/shop drawings.
- Developed architectural and interior designs for projects in Egypt & the Gulf region.

- Produced high-quality visualizations and technical documentation.

Sabbour Consulting — Intern Site Architect

JUNE 2019 - JULY 2019 | PART-TIME

- Supervised on-site construction to ensure adherence to design specifications.
- Communicated with workers and supervisors to maintain workflow efficiency.
- Assisted in resolving site-related architectural challenges.

EDUCATION

POLITECNICO DI MILANO — MSc *(in progress)*

SEPTEMBER 2023 - PRESENT

- Master's Degree in ARCHITECTURE-BUILT-ENVIRONMENT-INTERIORS.
- Thesis on the applications and impact of Artificial Intelligence on Architecture *(in progress)*.

ARAB ACADEMY FOR SCIENCE & TECHNOLOGY — BSc

SEPTEMBER 2016 - JULY 2021

- Bachelor's Degree in Architectural Engineering & Environmental Design.
- RIBA Part I Accredited.
- Very Good overall assessment.
- A+ on Graduation Project.

CERTIFICATES

GOOGLE — Prompt Engineering Essentials

OCTOBER 2025

- Recognize and apply the prompting framework (task, context, references, evaluate, iterate) to create effective prompts.
- Define prompting in reference to generative AI tools.

AWARDS & RECOGNITIONS

YAC's DUBAI SEA HOUSE COMPETITION — HONORABLE MENTION

JULY 2022

HUSSEIN SABBOUR CREATIVITY AWARD — 3RD PLACE

JUNE 2022

TAMAYOUZ GRADUATION PROJECTS COMPETITION — TOP 50

JULY 2022

ARCHISOURCE DRAWING OF THE YEAR AWARD — 2 SPECIAL MENTIONS

APRIL 2022

CHARETTE ALTERNATE REALITIES COMPETITION — TOP 30

FEBRUARY 2022

NON-ARCHITECTURE AWARDS — HONORABLE MENTION

DECEMBER 2021

CAIRO DESIGN AWARDS — HONORABLE MENTION

NOVEMBER 2021

TECHNICAL SKILLS *(Software)*

- AutoCAD — *Advanced*
- Rhino — *Advanced*
- Grasshopper — *Intermediate*
- SketchUp — *Advanced*
- 3Ds Max — *Advanced*
- Revit — *Intermediate*
- Lumion — *Advanced*
- D5 — *Advanced*
- Vray — *Advanced*
- Unreal Engine — *Intermediate*
- Nvidia's Omniverse — *Beginner*
- Photoshop — *Advanced*
- Illustrator — *Intermediate*
- InDesign — *Intermediate*
- AI Tools — *Advanced*
- Comfy-UI — *Beginner*

LANGUAGES

- Arabic — *Native*
- English — *Fluent*

PORTFOLIO

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