

# Amira Gaber Abouelfetouh Attia

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## Summary

University Teaching Assistant and Architect Engineer with six years of classroom and research experience in sustainable urban design, environmental and smart-city strategies. Holds an MSc in Architectural Engineering (May 2025) from Tanta University; thesis empirically examines how sustainable design interventions in residential areas shape human behavior. Certified strategic planning, effective presentation skills and digital transformation. Seeking a PhD programme to advancing research in sustainable urban development, human-centric and smart cities, and eco-friendly building design through academic and practical contributions.

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## Education

### Master of Science in Architectural Engineering

Faculty of Engineering, Tanta University, Egypt  
2019–2025

- Thesis: *Sustainable Urban Design of Urban Spaces in Residential Areas and Their Impact on Human Behavior*
- Postgraduate Grades (20.0 Credit Hours):
  - ARE 607: Research on Projects Management and Economic Feasibility - A (4.000)
  - ARE 613: Studies in Site Design - B (3.004)
  - ARE 621: Research Methods of Architecture and Urbanism - B+ (3.004)
  - CSEB10: Architecture and Urban Technical English - A (4.004)
  - CSEB11: Studies on Humanities, Researches on Conservation, Rehabilitation, and Adaptive Reuse - A- (3.704)
  - CGPA: 3.624 (B+)
- Approved by Faculty Council on 13/05/2025; University Council on 29/05/2025

### Bachelor of Science in Architectural Engineering

Faculty of Engineering, Tanta University, Egypt  
2013–2018

- Specialization: Architectural Engineering
  - General Grade: Very Good (Honor Degree)
  - Cumulative Grade Percentage: 82.65%
  - Project Grade: Very Good II
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## Professional Experience

### Teaching Assistant, Architecture Engineering Department

Faculty of Engineering, Tanta University, Egypt  
2019–Present

- Delivered lectures and tutorials on architectural design, urban planning, and sustainable development to undergraduate students.
  - Assisted in developing course materials, including assignments, exams, and project guidelines, fostering critical thinking in students.
  - Supervised student projects, providing guidance on design principles, sustainability, and urban space functionality.
  - Collaborated with faculty on research projects exploring the intersection of urban design and human behavior.
  - Worked with the Quality Assurance Unit to prepare documentation for national accreditation cycles and continuous-improvement reviews of the department.
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## Research Interests

- Sustainable urban design and planning
  - Human behavior and environmental psychology in urban spaces
  - Green architecture and eco-friendly building practices
  - Smart cities and innovative urban solutions
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## Skills

- **Technical Skills:** Autodesk AutoCAD, Autodesk Revit, Microsoft Office (Word, Excel, PowerPoint)
  - **Research Skills:** Academic research, data analysis, literature review, urban design analysis
  - **Soft Skills:** Communication, teamwork, problem-solving, project management
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## Certifications

- **Certificate of Attendance and Participation (SM-2022/IFC/123)**, International Conference on Visions for Future Cities 2022, Cairo, Egypt, 24-25 September 2022
  - **Intensive English Language Course (SM-CSEB10)**, Tanta University Languages and Continuing Education Centre (LCEC), Date: May 2020
  - **Research Ethics (PM)**, Tanta University & The International Center for Faculty and Leadership Development (TICFLD), Date: 28/06/2022
  - **Strategic Planning**, Tanta University & TICFLD, Date: 26/06/2022
  - **Effective Presentation Skills**, Tanta University & TICFLD, Date: 26/06/2022
  - **Credit Hour System**, Tanta University & TICFLD, Date: 21/07/2022
  - **Fundamentals of Digital Transformation Certificate**, Main Center for Sustainable Training (MCST), Tanta University, Modules Completed: 5 Mandatory + 2 Electives (Web Search, Mobile App), Date: 06/2024 to 05/2029
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## Publications

- Attia, A. G. (2025). *Sustainable Urban Design and Its Impact on Human Behavior in Residential Areas*. Master's Thesis, Tanta University.

- Gaber, A., Nour, W., & Kamar, M. (2022). “Sustainable Urban Design of Urban Spaces in Residential Areas and Their Impact on Human Behavior,” *Journal of Engineering Research*: Vol. 6: Iss. 4, Article 3.  
Available at: <https://digitalcommons.aaru.edu.jo/erjeng/vol6/iss4/3>
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## **Conferences and Workshops**

- Presented at the International Conference on Visions for Future Cities 2022, Cairo, Egypt, 24-25 September 2022
  - Attended Workshop on Smart Cities and Urban Innovation, Tanta University, 2022
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## **Volunteer Experience**

- Selected for the "Be an Ambassador" initiative by the National Institute for Governance and Sustainable Development (NIGSD), training arm of the Ministry of Planning and Economic Development, 2022
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## **Languages**

- Arabic (Native)
  - English (Very Good)
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## **References**

Available upon request.