

## PERSONAL INFORMATION

**Islam Abouelhamd**

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Skype +201153000534 (Islam Abouelhamd)

Sex: Male | Date of birth: 30 Jan 1993 | Nationality: Egyptian

## APPLIED FOR

## WORK EXPERIENCE

- 15 Sep 2015–30 Sep 2018 & 03 Mar. 2021-- Present **Assistant Lecturer & Researcher (Full-Time Job)**  
Assuit University, Department of Architectural and Urban Engineering, Assuit (Egypt)  
Teaching and assisting in several subjects for undergraduate students, such as urban modeling, urban planning, traffic management, architectural design, and housing. Additionally, I participated in renewing some facilities at my university, such as the architectural drawings to establish the new PC pool. I have organized several events. I was responsible for documenting the seminars and scientific events.
- 15 Nov 2015–30 Sep 2018 **Architect & Urban Planner (Part-Time Job)**  
BONIAN MISR for architecture design, urban planning, engineering consulting and real estate investments, Assuit (Egypt)  
I have participated in several projects for two years, through urban projects, architectural design, visualization, as well as landscape planning.
- 5 Sep 2015–7 May 2016 **BIM & GIS Instructor (Freelancer)**  
Freelancer, Assuit (Egypt)  
I have presented several courses for undergraduate students to utilize GIS for spatial analysis and optimization, as well as BIM for architectural and landscaping modeling and visualization.
- 1 Jul 2015–1 Nov 2015 **Urban Planner (Intern)**  
Aymen Hashem for Urban Development [AHUD], Assuit (Egypt)  
During this short period, I have contributed to accomplishing the architectural drawings of the renewed building of faculty Fine Arts at Assuit University.

## EDUCATION

- 13 Oct 2018–03 Feb.2021 **Master's degree of Urban Development**  
Technische Universität Berlin, Berlin (Germany)  
I have accomplished all the required modules. I gained several experiences in terms of urban planning, urban ecology, urban analysis, BIM modeling, energy efficiency, environmental planning, urban economy, and project management.  
I have participated in three urban development projects in both Germany and Egypt.  
I have participated in an excursion in Amsterdam and Rotterdam concerned about urban development and land subsidence.

14 Sep 2010–23 Jul 2015 **BSc Degree of Architectural & Urban Engineering**

Assiut University, Assiut (Egypt), Assuit (Egypt)

I have studied 57 subjects in 10 semesters (regular in Egypt) about building constructions, architectural design, theory and history of architecture, urban planning, transport planning, working drawings, housing, urban design, building Legislation, construction management, and graduation project of a Resort in Marsa AL-am city in the red sea region.

22 Sep 2007–27 Jun 2010 **High secondary School**

Al-SAif Secondary School, Kuwait City (Kuwait)

**PERSONAL SKILLS**

Mother tongue(s) Arabic

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
IELTS – 6.5 overall					
German	B1.1	B1.1	B1.1	B1.1	A2
TU Berlin German Course + Deutsch-Akademie					
Dutch	A2	A2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages - Self-assessment grid](#)

**Organizational / managerial skills**

Leadership: I have the capabilities to be an effective leader in any work groups.  
 Self-organizing: managing my tasks and well-focused on my objectives.

**Digital skills**

SELF-ASSESSMENT				
Information Processing	Communication	Content Creation	Safety	Problem-Solving
Proficient user	Independent user	Independent user	Independent user	Independent user

Digital skills - Self-assessment

**SimWalk:** pedestrian movement analysis, used one week only.

**Q-GIS & ArcGIS:** used for urban, spatial, and transport analysis, since 2013

**Esri- CityEngine:** urban analysis and modeling, since 2016

**ENVI-MET:** thermal comfort & urban heat island - related research, 2018 -2019

**SPSS & MATLAB:** data processing and Mathematical models, 2015 - 2019

**AutoCAD - ArchCAD - Revit:** used for urban and architectural modeling, since 2011

**Adobe Photoshop - InDesign:** editing and visualization, since

**Autodesk 3Ds Max:** 3D modeling and visualization, 2013 - 2018

**Design-Builder:** estimation of the energy consumption, since 2019

**CITAVI:** Reference Management, since 2018.

**Prezi - PPT:** presentations, since 2008

**Microsoft office** (Word, Excel, PowerPoint...), since 2005

## ADDITIONAL INFORMATION

## Research &amp; Projects

Link of all Publications: <https://www.researchgate.net/profile/Islam-Abouelhamd>

Abouelhamd, I. (2021). 'THE RELATIONSHIP BETWEEN URBAN SPATIAL STRUCTURE & COMMUTING PATTERNS: LITERATURE REVIEW', *JES. Journal of Engineering Sciences*, 49(No 5), pp. 662-678. doi: 10.21608/jesaun.2021.57245.1026.

A Comparative Study of Utilizing Computational Simulation Tools on Urban Design Process, April 2018, Conference: Second Memaryat Conference, Jeddah, KSA, April 2018.

[https://www.researchgate.net/publication/337338947\\_A\\_Comparative\\_Study\\_of\\_Utilizing\\_Computational\\_Simulation\\_Tools\\_within\\_the\\_Urban\\_Design\\_Process](https://www.researchgate.net/publication/337338947_A_Comparative_Study_of_Utilizing_Computational_Simulation_Tools_within_the_Urban_Design_Process).

Utilizing QGIS for potential urban development in Interlaken city, Working paper and poster, TU Berlin, November 2019, Berlin, Germany, DOI: [10.13140/RG.2.2.23319.93600](https://www.researchgate.net/publication/337338614_Utilising_QGIS_for_potential_urban_development_in_Interlaken_city)

[https://www.researchgate.net/publication/337338614\\_Utilising\\_QGIS\\_for\\_potential\\_urban\\_development\\_in\\_Interlaken\\_city](https://www.researchgate.net/publication/337338614_Utilising_QGIS_for_potential_urban_development_in_Interlaken_city).

Conceptual Solutions of the Traffic Jams & Accidents in Dubai City, Article, TU Berlin, February, 2020. Berlin, Germany, DOI: [10.13140/RG.2.2.11019.11048](https://www.researchgate.net/publication/341488748_Conceptual_Development_Solutions_for_Traffic_Jams_Accidents_in_Dubai_City)

[https://www.researchgate.net/publication/341488748\\_Conceptual\\_Development\\_Solutions\\_for\\_Traffic\\_Jams\\_Accidents\\_in\\_Dubai\\_City](https://www.researchgate.net/publication/341488748_Conceptual_Development_Solutions_for_Traffic_Jams_Accidents_in_Dubai_City).

Impact of Building Density and Height on Energy Consumption in Cairo, Preprint, TU Berlin, November 2019, Berlin, Germany, DOI: [10.13140/RG.2.2.26270.69446](https://www.researchgate.net/publication/337199555_Impact_of_Building_Density_and_Height_on_Energy_Consumption_in_Cairo) , License, [CC BY-SA 4.0](https://creativecommons.org/licenses/by-sa/4.0/).

[https://www.researchgate.net/publication/337199555\\_Impact\\_of\\_Building\\_Density\\_and\\_Height\\_on\\_Energy\\_Consumption\\_in\\_Cairo](https://www.researchgate.net/publication/337199555_Impact_of_Building_Density_and_Height_on_Energy_Consumption_in_Cairo).

BERLIN. TOMORROW REPORT: Urban Renewal Project in the Markisches museum quarter in Berlin central area, TU Berlin, August 2019, Berlin, Germany.

[https://www.researchgate.net/publication/337338820\\_BERLIN\\_TOMORROW\\_REPORT\\_Urban\\_Renewal\\_Project](https://www.researchgate.net/publication/337338820_BERLIN_TOMORROW_REPORT_Urban_Renewal_Project).

Analytical study of the Relationship between the Sustainable land management indicators (SLM) and the Sustainable Development Goals (SDGs), Working paper, TU Berlin, January 2020, Berlin, Germany.

[https://www.researchgate.net/publication/340088212\\_Analytical\\_study\\_of\\_the\\_relation\\_between\\_the\\_Sustainable\\_land\\_management\\_indicators\\_SLM\\_and\\_the\\_Sustainable\\_Development\\_Goals\\_SDGs](https://www.researchgate.net/publication/340088212_Analytical_study_of_the_relation_between_the_Sustainable_land_management_indicators_SLM_and_the_Sustainable_Development_Goals_SDGs).

## Conferences

**The Second Memaryat International Conference: Architecture and Urban Resiliency, Jeddah, (MIC 2018).**

Participated with a paper which peer reviewed in parallel with the participating with the workshop "Waterfront for Everyone"

**The third international conference of future mobility in Dubai 2017.**

Student attendance with participating in discussion and communications.

**Workshops** **Urban Mobility Mapping Workshop, Hurghada, 2019.**

To improve the quality of urban mobility mapping and providing efficient data to optimise the transportation and mobility system in Hurghada city in Egypt.

**Waterfront For Everyone, Alexandria & Jeddah, 2018.**

A workshop with two phases, first phase in Alexandria, and the second phase in Jeddah, KSA. During the workshop we developed smart strategies to improve the waterfront zone in both Alexandria and Jeddah, with participation as a team work with different students from different Background.

**Honors and awards** **Inspire the Future Egypt. (BIM Competition), 2016**

Using Revit Architectural Visualization Program to Design a Project which I Designed it.  
Vinsys – Autodesk company.  
3rd Prize.

**References** **Prof. Dr. Uwe-Jens Walther,**

Former Head of the department of Urban and Regional Sociology,  
Institute of Sociology at the Technical University Berlin.

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**Prof. Dr. Rudolf Schäfer**

'Study Dean' of the Urban Development  
department TU Berlin Campus El Gouna.

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University Assiut City, Egypt.

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