

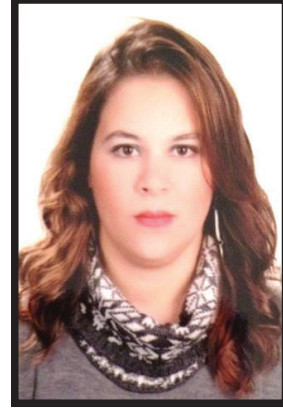
Résumé

Rania Khalifa Ph.D.

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SUMMARY

A qualified assistant professor with extensive experience in teaching different architectural subjects. Highly interested in green, sustainable and smart buildings. Attentive to details with a demonstrated ability to master complex situations with staff and students which proves to be of added value to any organization.



AREAS OF EXPERTISE

- Highly skilled in teaching students with different methods to ensure that the educational plan is successfully accomplished
- Work collaboratively with staff members to achieve faculty goals
- Strong knowledge in the design of green, sustainable, smart, LEED certified buildings and in the environmental impact assessment of projects
- Strong knowledge in building materials, building codes and disability codes
- Good experience in the construction field in Canada.

TECHNICAL PROFICIENCIES

AutoCAD, MS Office, Windows

TEACHING EXPERIENCE

Assistant Professor **2016 - Present**
El Shorouk Academy - Architectural Engineering Dept.
Cairo, Egypt

- Teaching visual aesthetics, design, environmental control, working drawings, energy efficiency
- Working closely with students to facilitate learning and advice on course selections and career decisions
- Maintaining regularly scheduled office hours in order to advise and assist students
- Working on faculty committees dealing with curriculum planning and degree requirements
- Developing personal profession through research and workshops
- Participating in campus and community events
- Preparing the program standards for credence
- Preparing the courses' specifications and the course progress report
- Participating as a member in the quality assurance unit in the architectural department
- Participating as a member in the student leadership committee
- Participating as a member in the control committee

Assistant Professor **2017 – 2018**
French University – Dept. of Architectural Engineering
Cairo, Egypt

- Teaching design and sustainability in architecture
- Working closely with students to facilitate learning

...Continued...

- Using a variety of teaching and learning strategies as Power Point lectures, research and discussion in class to achieve the curriculum and evaluate the learning outcomes
- Integrating workshops in the curriculum to assist the students increase their imaginary skills in the 3D using different materials to construct different forms and objects
- Preparing the course blueprint

Assistant Professor **2015 - 2017**
**Arab Academy for Science, Technology and
 Maritime Transport, Dept. of Architectural Engineering and
 Environmental Design - Cairo, Egypt**

- Teaching visual studies
- Working closely with students to facilitate learning
- Using a variety of teaching and learning strategies as Power Point lectures, research and discussion in class to achieve the curriculum and evaluate the learning outcomes
- Integrating workshops in the curriculum to assist the students increase their imaginary skills in the 3D using different materials to construct different forms and objects

Teaching Assistant **2006 - 2015**
**Arab Academy for Science, Technology and
 Maritime Transport, Dept. of Architectural Engineering and
 Environmental Design - Cairo, Egypt**

- Assisting in teaching architectural drawing, working drawing, design, building, execution, graduation project and introduction to design & landscape
- Assisting students in selecting courses and career decisions
- Assisting in achieving curriculum planning and degree requirements
- Assisting in teaching and discussion in class to achieve the curriculum and evaluate the learning outcomes
- Assisting students increase their imaginary skills in the 3D using different materials to construct different forms and objects

Teaching Assistant **2007 - 2008**
**Future University, Dept. of Architectural Engineering
 Cairo, Egypt**

- Assisting in teaching design and visual studies
- Assisting students in selecting courses and career decisions
- Assisting in achieving curriculum planning and degree requirements
- Assisting in teaching and discussion in class to achieve the curriculum and evaluate the learning outcomes
- Assisting students increase their imaginary skills in the 3D using different materials to construct different forms and objects

PROFESSIONAL EXPERIENCE

Designer/Estimator **2019 – 2021**
PTC World – Toronto, Canada

Architectural Engineer **1998 - 2014**
Arab Contractors Company - Cairo, Egypt

EDUCATION AND TRAINING

- **Ph.D. in Environmental Architecture** 2015
Ain Shams University - Cairo, Egypt
 - **M.Sc. in Environmental Architecture** 2006
Ain Shams University - Cairo, Egypt
 - **B. Sc in Architectural Engineering** 1998
Ain Shams University - Cairo, Egypt
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PROFESSIONAL DEVELOPMENT

- **Corporate Culture and Communication in Canada** 2019
Toronto and Region Conservation Authority
 - **Teaching Strategies and Effective Learning of Higher Education** 2018
The National Authority to ensure the quality of education and accreditation in Egypt - Cairo, Egypt
 - **Exam Systems and Students' Assessment Methods** 2018
The National Authority to ensure the quality of education and accreditation in Egypt - Cairo, Egypt
 - **Strategic Planning for Higher Education** 2017
The National Authority to ensure the quality of education and accreditation in Egypt - Cairo, Egypt
 - **External Review for Higher Education Institutions** 2017
The National Authority to ensure the quality of education and accreditation in Egypt - Cairo, Egypt
 - **Environmental Impact Assessment for Various Projects (EIA)** 2014
Ain Shams University - Cairo, Egypt
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PUBLICATIONS

- **"Environmental Impact of Youth Housing in El Obour City"**, Journal of Environmental Science, volume 11, no. 3, December, 2005, ISSN 1110-0826.
 - **"Smart Architecture, The HSBC Bank Egypt Global Service Center, case study"**, Journal of Environmental Science, volume 30, no. 3, June, 2015, ISSN 1110-0826.
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REFERENCES

References are available upon request