



## **Aya A. Nazeh Elkholy, MSc**

### **Objective:**

Seeking to have a real role in the development of my country by achieving an excellent position in the architectural engineering and urban design field. I aim to use my skills and knowledge and to develop them through academic researches; to achieve balance between theories, Education, and practice.

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### **Education**

- **PhD. Candidate, Architecture & Urban planning, CUFE.**  
**Thesis topic: "Urban Planning for children as an approach to enhance QOL."**
- **PhD Comprehensive exam** April, 2016
- **Pre PhD. specialization in Urban Planning & Design, 2016 Grade (A- : 3.8)**
- **MSc in urban Architecture & planning, Cairo University, Faculty of Engineering 2014.**  
**Thesis: "The Interrelationship between Architecture and Urbanism in Architectural Education"** Searching how to develop the Egyptian education system in architecture, and urban planning schools curricula to reduce the gap between education and professional practice.
- **Pre Masters specialization in Urban Planning & Design, 2012 Grade (A- : 3.7)**
- **Bachelor of Architecture, Faculty of Engineering, Cairo University, 2011.**  
**Graduation grade: Excellent (87.73%) Accumulative Grade: very good with honor (79.97%)**

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### **Publications**

- **"Compatibility between Architectural Education and Real Practice in Egypt",** RAE2016 - First International Conference On Architectural Education, Lebanon accepted January 2016
- **"The Response of Architectural Education to Informal Areas: Community Based Learning Approaches as a Tool to Deal with Informal Areas in Egypt".** ARCHCAIRO 2014: Responsive Urbanism in Informal Areas, Towards a Regional Agenda for Habitat III, accepted September 2014.
- **"Designing Cities for Children, an approach to inclusive and livable city planning":** pending

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### **Academic Trainings attended**

- **Urban systems, workshop, Hafencity university, Hamburg Germany, spring 2016.**
- **Land Management and Informal Settlements Regulations, IHS with UN Habitat, winter 2016.**
- **Academic Writing, British Council, winter 2015.**
- **AUC TA's Orientation Program, fall 2014.**
- **Anti-University Workshop, Megawra & Town house, spring 2013.**
- **Millennium Development Goals Awareness, UNDP& Cairo University, spring 2011.**
- **Training of Trainers, summer 2006.**

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### **Academic Presentations**

- **"Rethinking Architecture Education".** ARE( 2016)
- **"The role of scientific thinking in community development",** FameLab (2015)
- **"Responsive Urbanism in Informal Areas",** ARCHCAIRO (2014)
- **"Reuse, Recycle creativity",** Architecture Department, Cairo University.
- **"MDG program Lecturer"** UNDP& Cairo University (2011).
- **" Departments presentation , Preparatory year welcome party",** CUFE (2010)
- **"TRAFFICA think tank: solving Cairo traffic problems"** STP Cairo University (2007)

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## Academic Teaching Experience

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### MSA: October University for Modern Science and Arts (2015-present)

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**“Assistant Lecturer”:** Responsible for assisting the lecturer, teaching students several architecture and urban courses.

**Architectural Design3,Architectual Design 6, History 1, History 4, 3D Max, Environmental control 1, community development. Archicad instructor.**

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### The American University in Cairo (AUC) (2013-Present)

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#### "Post Graduates, Part time instructor"

- **Interior Design Diploma:** module 4 Presentation Techniques (summer 2015-present)
- **Architectural Rendering Techniques:** Teaching students different architectural rendering techniques, computer and manual rendering using different media like aquarelle ink and markers and post render effects, color theory, and architectural poster design. ( summer 2014)

#### “Senior Teaching Assistant”

- **Architecture design 1**  
Course aims to teach student how to set an architectural program after researching customer needs and develop an architecture design project. (Spring 2013-present)
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### Arab Academy for Science, Technology & Maritime Transport (AASTMT) (2011-2015)

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Participated in Architecture and environmental design program courses

- **Visual studies 1 / Visual studies 2**  
Responsible for assisting the lecturer, teaching students freehand sketching pencil rendering, introduction to perspective concepts color theory art of using colors. (Spring 2014)
  - **Building Technologies 1&3&4**  
Responsible for assisting the lecturer, introducing students to building construction field, different building structures, finishing martials, structural elements design like stairs and openings.
  - **Architecture Drawing**  
Responsible for assisting the lecturer, teaching students the Architecture drawings, different types of rendering arch. Designs. (Fall 2013)
  - **Execution design 2 / Execution design 1**  
Responsible for assisting the lecturer, teaching students the working drawings & how To design using codes like firefighting code, sewage and drainage code. (Spring 2012 - 15)
  - **Urban Design**  
Coordinated in presenting the projects to students, Graded exams, Developed course materials, Grading Class work & Homework assignments. (Spring 2013)
  - **City Planning**  
Responsible for assisting the lecturer in class, Taught Design& Analysis techniques , Graded Class work & Homework assignments (Fall 2012)
  - **Architecture Design 2**  
Responsible for teaching contextual design& Analysis techniques, Assisted in development of the studio curriculum. This was the first time this class was taught with a full TA'S supervision (Fall 2011)
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## Professional Work Experience

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- **"Engineers Syndicate"**, Architecture Division (2011-present).
  - **“Training and teaching Urban development, Human Recourses, creativity and Effective Thinking Courses”** Faculty of engineering, Cairo university (2007-present).
  - **“Freelancer Architect** “Contributed to the proposal for many architectural and urban projects (2011-present).
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## Summer Trainings

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- **Summer 2010** ECG “Engineering Consultant Group “
- **Summer 2009** Integrated Engineering For Development (Prof.Dr: Hisham khairy)
- **Summer2008** EST “Engineering systems Techniques”  
Sites training Sama school, villas construction  
Prof. DR: Hisham Sameh Office.
- **Summer2007** AGIBA petroleum Company “Operations Div.”  
EST “Engineering systems Techniques”  
Faculty preparatory year training.

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## Extracurricular Activities

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- Ressala for community services active member, Children parties organizer.
- Academic Committee & Editorial stuff director IST 2011.
- Architectural department Ideal Student 2011.
- ETT “Effective Thinking Techniques “course designer& supervisor 2008-2011.
- IST “CSB (Creative and Scientific Behavior) training course” Academic trainer 2007.
- IST” Inducing Scientific Thinking” founder 2006-2007.

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## Computer& Technical skills

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### Design and Graphic software applications including :

- CAD program: AutoCAD 2D & 3D
- 3D Modeling & BIM : Sketch up, 3D studio max, ArchiCad,

### Architectural Rendering:

- Aquarelle rendering, Pencil & Ink hand drafting
- Adobe Photoshop, V-Ray renderer, Lumion

### Experience in Microsoft Office: Word, PowerPoint, Excel.

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## Personal Data

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- **Date of Birth:** January, 1st, 1989.
- **Nationality :**Egyptian
- **Gender:** Female.
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## References

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