

### **Basic Information :**

**Name :** OSAMA Mohammad Elrawi Osama Elrawi  
**Title :** Professor



Working in practice, teaching, and research since 1981. Prepare and conduct lectures and seminars to undergraduate and graduate students. Advise students with respect to academic performance, career opportunities, and pursuit of advanced degrees. Mentor and advice new academics, typically teaching assistants, research assistants, and junior faculty members. Carry out administrative and managerial duties, including chairing committees, and representing the university in the community.

### **Education :**

| Certificate | Major                    | University                                    | Year |
|-------------|--------------------------|---|------|
| PhD         | Architecture Engineering | Ain Shams University - Faculty Of Engineering | 1993 |
| Masters     | Architecture Engineering | Ain Shams - Egypt                             | 1988 |
| Bachelor    | Architecture Engineering | King Saud - KSA                               | 1981 |

### **Teaching Experience :**

| Name Of Organization | Position                            | From Date  | To Date    |
|----------------------|-------------------------------------|------------|------------|
| Alazhar Univ.        | Associate Professor of Architecture | 02/09/2009 | 31/08/2011 |

### **Research :**

Origins of Computational Design in Architecture  
Virtual Encyclopedia of Islamic Civilization VEIC  
Reviving the Missing History of Mosques Using the Virtual User Interface of Islamic Civilization-VUIC  
The Use of Mixed-Realities Techniques for the Representation of Islamic Cultural Heritage  
Origins of Geometric Computational Design in Architecture  
The Sustainable Sensed Principles of Islamic Landscape Architecture  
Boosting Creativity Skills & Innovation in Architectural Design Process Using Multimedia  
Architecture, Music and Pattern Recognition- The Case of Andalusian Architecture  
GAs and Evolutionary Design in Architectural Heritage-The Case of Islamic Architecture  
Knowledge Cube  
The Sustainable Cybernetics of Formal Language in Islamic Cities  
Architectural Heritage as a Source of Inspiration for Generative Design  
Model Based User Interface Design for the Encyclopedia of Islamic Architecture  
Cosmology as a Source of Sustainable Design Ideologies

### **Conference :**

World Conference of Al-Azhar Alumni

**Awards :**

| <b>Award</b>   | <b>Donor</b>  | <b>Date</b> |
|--|---|-------------|
| Original Patent Pending for the invention of:<br>"Adjustable Radial Scaffolding for Arch Construction" | Academy of Scientific Research and Technology - Egypt | 01/01/1996  |