

# BASHANDY Hamza

(Hamza Mohamed Imam Bashandy Taalab)

## PERSONAL INFORMATION

### Contact

Mobile : (+32) 465121360  
E-Mail :  
hamza.bashandy@gmail.com

### Address

226, DeBosscheartstraat  
2020 Anvers, Belgique

Date of Birth : May 8th, 1990

Marital Status: Married

Place of Birth : Cairo, Egypt

Nationality : Egyptian

## WORK EXPERIENCE

Sept 2016 – Present

**Master Student**  
**Master d'Architecture à Finalité,**  
**University of Liège, Belgium**

- Inscribed in The architectural master program at the University of Liège (120 ECTS)

January 2015 – July 2016

**Architect**  
**MADA Architects,**  
**Maadi, Cairo, Egypt**

- Design Team member responsible of delivering design and construction drawing for several cultural projects.
- Responsible of producing 3D modelling and visualization.

Sept 2015 – December 2015

**Research Assistant**  
**Sustainable Building Design Lab,**  
**University of Liège, Belgium**

- Working within WG3, COST Action TU1403, Adaptive Network Façades.
- Tracking the assessment of adaptive façades through design process.
- Providing a review and gap analysis on existing standards and monitoring protocols for adaptive façade.

September 2013 – Nov 2013

**Teaching Assistant**  
**October 6 University,**  
**6 October City, Giza, Egypt**

- Assisting in Design studio 6th semester.
- Assisting in Environmental Control and Technical Installation Course.
- Assisting in History and Theories of Architectural Course.

June/Sep 2011– June/Sep 2013

**Intern**  
**Tarek Waly Center Architecture**  
**and Heritage, Cairo, Egypt**

- Urban development and research.
- Mapping Masr Al Adima Area: An old district in Cairo in the heart of Cairo.
- Publishing center's Journal (every 3 months)

June 2010– September 2010

**Intern**  
**Bin Belaila Contracting L.L.C.,**  
**Dubai, UAE**

- Trainee in the real state development department.
- Participate in site visits and construction stages.

## LANGUAGES

Arabic : Mother Tongue  
Français : Fluent  
English : Fluent  
Dutch : Beginner

## EDUCATION

September 2008 – July 2013 Bachelor of Science in Architecture Engineering,  
6 October University, Cairo (Egypt)

September 1995 – July 2007 General secondary, Science Major  
Collège de la Salle, Cairo (Egypt)

- 
- Good knowledge of GIS, Rhino, Grasshopper, Unreal Engine and Processing
- 

June 2015

**Programming & Prototype**  
**Low cost adaptive louvres**  
<https://vimeo.com/128698552>  
 Experimental

May 2014

**Energy Management**  
**Gruppi factory and restaurant**  
**Downtown, Cairo, Egypt**  
 Completed

2013

**Gendered Architecture**  
**Workshop, Megawra**  
**Cairo, Egypt**

March 2011- 2012

**Heritage Day Festival**  
**October 6 University**  
**6 October, Giza, Egypt**

June 2016

November 2013

September 2012

---

## COMPUTER SKILLS

---

- Long Experience with graphic design, media and architectural softwares: Photoshop, Illustrator, InDesign, Revit, 3DS Studio Max, Autocad, Sketch up.
  - Competent in programming languages: HTML, HTML5, CSS, JQuery, Arduino.
- 

---

## ACTIVITIES AND EXTRA CURRICULAM

---

- A photo-sensitive and solar powered smart louvers systems, that decreases the opening and increase the shadow during day, while generating its own energy through a photovoltaic skin.
  - The experiment is produced using Arduino, a photo-resistor and Grasshopper as software platform.
  - The experiment was programmed and built aiming to produce low cost solutions for adaptive façades, therefore allowing low budget projects access to high-tech solutions.
  - An energy audit and redesign of the 4 stories Gruppi building (built 1882)
  - A collaboration between the architecture and the mechatronics department in October 6 University.
  - The project was apart of training offered by the German chamber of industries on energy management, for Egyptian early academics.
  - The Project offered a redesign of the lighting and air-conditioning situation in addition to a new boilers system in the factory
  - Gruppi management applied and funded most of recommended alteration, including installing a solar heating system and LED lights.
  - Part of the organization team of (Gendered Architecture) workshop: a collective activity concerned with gender issues in surrounding space.
  - A presenter and a part of the organization team for 3 years of the heritage day festival : annual student conference at the University of 6 October.
  - It is an event were architecture students research indigenous cultural heritage and present a paper along with a corner with artifacts and photographs. (2006 – 2007- 2011-2012).
- 

---

## LIST OF PUBLICATIONS

---

Attia, S., Bashandy, H. (2015) High Performance adaptive façades: The case study of a glass building in Belgium  
 Challenging Glass 5 Conference, Ghent, Belgium

Agha, M., Bashandy, H. (2013) Urban Parasites: poetics and politics of marginal architecture in Egyptian suburbs.  
 CUI'13 Conference, Dakam, Turkey

Bashandy, H. (2012) Quartet, Symbolism in Architecture  
 Tarek Waly Centre Journal (issue No 5)

---