

عمر جنیدی

OMAR GENEIDY

Digital Design | Robotic Fabrication

[www.omargeneidy.com](http://www.omargeneidy.com)

# CURRICULUM VITAE

## BASIC INFO

- +20 111 2099 199
- o@omargeneidy.com
- 12.09.1994
- Egyptian
- Male
- Salah Salem St.  
Heliopolis,  
Cairo, Egypt.

## EDUCATION

- Institute for Advanced Architecture of Catalonia, **IaaC**.  
Master in Robotics and Advanced Construction (**MRAC**), 2018-2019.
- British University In Egypt, **BUE**.  
Architecture Department, 2012-2017.

## ACHIEVEMENTS

- Masters:**  
Received a partial **scholarship** for academic excellence.
- Bachelor:**  
Graduated with a First-Class Honor, ranked **second** over cohort.  
  
Received a grant for the best dissertation project idea.

## LANGUAGES

- Arabic**  
Native, Fluently spoken and written.
- English**  
Fluently spoken and written.

## RESEARCH & PUBLICATIONS

- Masters Project, (2019).**  
Simultaneous reinforcement of concrete while 3D printing.
- Main Author, (2019).**  
A critical review for applying three-dimensional concrete wall printing technology in Egypt, Architectural Science Review, In press.
- Co-Author, (2018).**  
Investigating the Application of The Three- Dimensional Wall Building Technology In Egypt.
- Bachelor Thesis, (2017).**  
Wall building Utilising 3D printing technology in construction projects.

## PRACTICAL EXPERIENCE

- Research Assistant, IBOIS - EPFL, Switzerland.**  
July 2019 - Dec 2019.  
My scope of work at the lab was focused on design and digital fabrication. Using a Robot arm and a CNC, for projects realized with wood as a building material.
- Architect, Yusuf Fahmy Architects (YFA), Egypt.**  
Feb 2018- May 2018.  
YFA is a design studio, specialized in digital design. I was a part of their design team for 3 months. During that time we were working on a large-scale digitally designed project in Egypt.
- Freelance Designer, Upwork.**  
Sep 2017 - Oct 2018.  
Running a team of professional freelancers. Working on a wide range of Architectural and Product Design projects in Canada, USA, UK, Egypt and Indonesia through the online platform "Upwork"

## TEACHING

- Sep 2019, Parametric Workshop; EPFL, Switzerland.**  
Had the pleasure of giving a 5 days, 20 hours, intensive parametric workshop to the students of "The Master of Science in Architecture" at Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. As part of their studio course conducted by The Laboratory for Timber Construction (IBOIS).
- Autumn 2019, Atelier Weinand; EPFL, Switzerland.**  
Was part of the teaching team at the studio course Atelier Winand for the students of the "The Master of Science in Architecture" at EPFL.
- On going, online courses in digital design.**  
I have a published Rhino course in Arabic, on 3 different online platforms with more than 2,000 students enrolled. And, currently I am about to publish another course in Grasshopper.

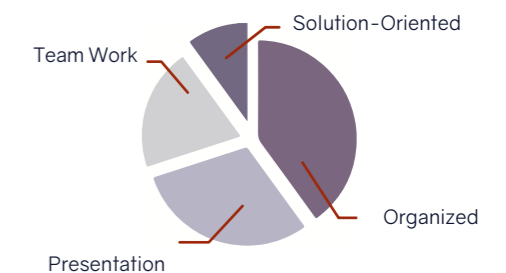
## WORKSHOPS PARTICIPATION

- May 2019, IaaC; Barcelona, Spain.**  
Discretizing Robotic Processes Workshop.
- April 2019, IaaC; Barcelona, Spain.**  
Robotic and Mixed Reality Workshop.
- March 2019, IaaC; Barcelona, Spain.**  
From Design to Control Workshop.
- Feb 2019, IaaC; Barcelona, Spain.**  
Informed Intervention Workshop.
- Nov 2018, IaaC; Barcelona, Spain.**  
Body & Ornament Workshop.
- Oct 2018, IaaC; Barcelona, Spain.**  
Reinforced Fibers Workshop.
- July 2016, AA; Istanbul, Turkey.**  
AA Istanbul Visiting School.

## COMPUTER SKILLS

- Rhino & Grasshopper
- Kuka & ABB Robot Arms
- Python
- Adobe Photoshop
- Adobe Illustrator

## PERSONAL SKILLS



REFERENCES FURNISHED UPON REQUEST . . .