

EDUARDO CHAMORRO

address: Barcelona, Spain
 telephone : +34 626 54 3000
 email: eduardochamorro@gmail.com

ARCHITECT
 DESIGNER
 FABRICATOR

work experience

education

PhD by Design (scholarship) 2020
 Swinburne University - IaaC - Today

Currently doing a PhD in "High performance robotic 3d printing with composites materials in the construction industry"

Thesis supervisors - Mark Burry - Mathilde Marengo

MASTER IN ADVANCED ARCHITECTURE (scholarship) 2017
 at Institute for advanced architecture of Catalonia, Barcelona, Spain
 Digital Matter – Intelligent Construction, Advanced Digital Tools, Produino, Studio on the Bio intersection of biology, computation and design.

Robotic Fabrication – wood recycling opencv scanning and robotic milling for repurposing scrap wood

FAB ACADEMY DIPLOMA, (scholarship) 2014
 Six month program on digital fabrication based on MIT's How To Make (almost) Anything, by Prof. Neil Gershenfeld of Center for Bits and Atoms

MASTER DEGREE IN ARCHITECTURE 2006-2014
 at San Pablo CEU University, Madrid, Spain
 Architectural project Design, Development and Management, Construction and Building Technologies, Urban planning, Structural Analysis, MEP. (registered architect)

Master Madrid City (scholarship) 2013
 Workshop focused on the meaning of the dual city as a spatial model with Morphosis, OAB, José Gonzalez Gallegos, Izaskun Chinchilla, Zigzag arquitectura, Mansilla-Tuñón

MADSTOCK WORKSHOP 2012
 Polytechnic University of Madrid, Spain
 Workshop focused on 1:1 scale construction experimentation; promoting the use of recycled and repurposed materials.

DIGITAL FABRICATION
 at San Pablo CEU University, Spain
 Grasshopper workshop focused on generative algorithms

CV
 2018
 - Today

2020

2019

2018

2015 -
 January -
 2017

July

2014
 February-
 November

2014
 January

2014
 January-
 July

2013
 March-
 June

2011
 May-
 September

2009

● **PROFESSOR in DESIGN and DIGITAL FABRICATION**
 at Fab Lab Barcelona-Institute of Advanced Architecture of Catalonia, Spain
 Main professor of the courses in advanced digital fabrication and computational seminary of the Master in Advanced Ecological Building, Design seminars in Master Design for Emergent Futures, Main professor Fab Academy, Digital fabrication advisor and mechatronics expert in Open Thesis in 3D printing Architecture, and thesis advisors for Master in Advanced Architecture.

● **WORKSHOP 3D PRINTING WITH ROBOTS DESIGN MORPHINE**
 Robots in design and fabrication of 3d printed furniture with generative growth algorithms, Barcelona, Spain

● **APPAREIL STUDIO COLLABORATION - ART INSTALLATIONS**
 Art design and fabrication for installations, Barcelona, Spain

● **2nd STATE THINK TANK & EXHIBITION** Grymsdyke Farm Lab, England
 Co-organizer of workshop for flexible design systems for new housing typologies. Exhibit in UK Timber Expo. In collaboration with RCA School, TRADA, AJG, Manja van de Worp, Hanson, Petersen Cables.

● **MASSBESPOKE STRUCTURAL DESIGN COLLABORATION** England
 Development of parametric designed informed structural analysis for modular timber construction systems.

● **DIGITAL FABRICATION and DATA VISUALIZATION Summer school**
 at CEU San Pablo University, Architecture School

● **FABLAB SEOUL DIRECTOR** Seoul, South Korea
 Fablab Seoul main professor, coordinator and Fab Academy instructor. Researcher in structures and new fabrication techniques. Responsible for the operation, assistance and maintenance for all the digital fabrication technologies. Workshops and educational programs like Maker Academy, Start-up Academy and American Center Korea (US Embassy). K-lab (Founding Fablabs in South East Asia) development in collaboration with KEC, KOICA. Start-up design and META Urban Development advisor. Curator, designer of multiple pavilions, Maker Faire Seoul, Coex, GGCW.

● **PROFESSOR in DIGITAL FABRICATION for ARCHITECTURE**
 at CEU San Pablo University, Architecture School
 Composition, fabrication and design software professor for EBLA ARQUITECTURA, PICADO DE BLAS ARQUITECTOS, artist and students.

● **ARCHITECT in EBLA ARQUITECTURA STUDIO**
 Madrid, Spain
 Project design "Don Bosco Schol" in Mikomeseng (Equatorial Guinea) and competition Historic Center Renewal of Torrelodones

● **EXHIBITION DIRECTOR of TRANSFORMAD**
 at Madrid Town Hall
 Performance/exhibit about the future of Madrid. Responsible of the exhibit design, sponsorships, coordination, and installation.

● **EXHIBITION ASSISTANT of "Spain mon Amour"**
 at ICO Foundation, Madrid, Spain
 Exhibit of architecture and urbanism over the last decade in Spain.

● **JUNIOR ARCHITECT, CA14 Studio**
 Madrid, Spain
 Design team for different housing and urbanism development.

● **PARK OPERATOR-LIFEGUARD,**
 Seaworld, Orlando, Florida, EEUU

EDUARDO CHAMORRO

address: Barcelona, Spain
telephone : +34 626 54 3000
email: eduardochamorro@gmail.com

ARCHITECT
DESIGNER
FABRICATOR

languages

design skills

Autocad	●●●●●●●●●●●●●●●●
Photoshop	●●●●●●●●●●●●●●●●
Lightroom	●●●●●●●●●●●●●●●●
Illustrator	●●●●●●●●●●●●●●●●
Indesign	●●●●●●●●●●●●●●●●
Flash	●●●●●●●●●●●●●●●●
Rhino	●●●●●●●●●●●●●●●●
Grasshopper	●●●●●●●●●●●●●●●●
Sketchup	●●●●●●●●●●●●●●●●
Vray	●●●●●●●●●●●●●●●●
123series	●●●●●●●●●●●●●●●●
SU Podium	●●●●●●●●●●●●●●●●
Ms Office	●●●●●●●●●●●●●●●●
Premiere	●●●●●●●●●●●●●●●●
Final Cut	●●●●●●●●●●●●●●●●
Eagle	●●●●●●●●●●●●●●●●
Html	●●●●●●●●●●●●●●●●
Wordpress	●●●●●●●●●●●●●●●●
Processing	●●●●●●●●●●●●●●●●
Scripting	●●●●●●●●●●●●●●●●
Arduino	●●●●●●●●●●●●●●●●

fabrication skills

●●●●●●●●●●●●●●●●	Robotics
●●●●●●●●●●●●●●●●	ABBTaco robot
●●●●●●●●●●●●●●●●	KUKA PRC
●●●●●●●●●●●●●●●●	Laser Cutting
●●●●●●●●●●●●●●●●	3D Printing
●●●●●●●●●●●●●●●●	3D Scanning
●●●●●●●●●●●●●●●●	Composites
●●●●●●●●●●●●●●●●	CNC Milling
●●●●●●●●●●●●●●●●	Vinyl Cutting
●●●●●●●●●●●●●●●●	PCB
●●●●●●●●●●●●●●●●	Drones
●●●●●●●●●●●●●●●●	End effectors
●●●●●●●●●●●●●●●●	Molding and casting
WINDOWS ●●●●●●●●●●●●●●●●	
MAC OSX ●●●●●●●●●●●●●●●●	
LINUX ●●●●●●●●●●●●●●●●	



bilingual
C1



native
speaker



bilingual
DALF C1

accomplishments

- 2020 ☐ Invited lecturer in Architectural Association School(London,England)
Lecture on prototyping acoustics systems
- 2019 ☐ Work Publication TRAE.DK (Copenhagen,Denmark)
2nd STATE THINK TANK building systems prototype
- ☐ Exhibit in DanishArchitecture Center DAC(Copenhagen,Denmark)
2nd STATE THINK TANK building systems prototype
- 2018 ☐ Exhibit in Festival della Scienza (Genova Science Fair)
Exhibit of FLUX-IN project developed at IaaC
- ☐ Interview, "50 years anniversary" Ceu San Pablo University
Alumni interview as architect expert in digital fabrication
- 2016 ☐ Interview, "Seunssanga Documentary" SBS-Tv
Documentary on how maker movement is changing the city
- ☐ 3º Position in 2º Drone Fight Korea,ASL
- ☐ Work Publication, "Design" design magazine korea
- ☐ Work Publication, "Ponoko" design magazine
- 2015 ☐ Let's Make Global Forum Korea,KOFAC
Speaker with Hiroya Tanaka,Paul Duggen, Kim Sung Han and Ha Uk Hiu
- ☐ "Ideas Club" Korean Government Foundings
Development of drone educational kit
- 2014 ☐ 3º Position in ArcChallenge Youth Hostel competition
Spoiled neighborhood recovery contest
- ☐ Work Publication, On Diseño architectural magazine
- ☐ Work Publication, Veredes architectural magazine
- 2013 ☐ 3ºPosition in Orona CEU architecture competition
Vertical architectural systems contest
- ☐ 3ºPosition in Schindler CEU architecture competition
Vertical architectural systems contest
- ☐ Work Exhibit "Se alquila mercado", Cebada Food Market Madrid
Organized by local cultural society"La Latina"
- 2010 ☐ Winner at CEU Yearly weight optimized structures contest
Wood beam contest
- ☐ 3ºPosition Photography CEU artistic competition

personal profile

All my research work has seek to explore new design methodologies, materials and develop unique procedures of fabrication through multidisciplinary environments to expand the architectural methodologies. Working in a multi-scalar environment must be the priority in an architect nowadays.

I am an active person who loves life and practises multiple activities.

- ☐ Photography
- ☐ Surf
- ☐ Cinema
- ☐ Aircraft modelling
- ☐ Ski
- ☐ Illustration
- ☐ Travelling
- ☐ Biking

portfolio webpage

<http://eduardochamorro.github.io/beansreels/index.html>

