

Burcu Biçer Saner

M. Arch

PROFILE

Interested in experimenting a design method capable of exploring innovative solutions through computational models and mechanical prototypes.

CONTACT

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WORK EXPERIENCE

Founding Partner @ FABB ARCHITECTURAL ROBOTICS

May 2015 -

Investigating the implementation robotic fabrication methods of double curved architectural components.

Design Architect @ TABANLIOGLU ARCHITECTS

June 2007 - May 2011

Contributing towards design for several projects ranging from the highest residence tower in Europe to multi complex buildings, I participated in the following projects: Zekeriyaokoy Housing Project, Atakoy Marina Master Plan in Istanbul, The Park Hotel (renovation), in Moscow as well as Kisebuku Housing project, and Guvercinlik Housing project in Bodrum at conceptual and schematic design phases. Besides them, I contributed to design development and construction phases of Sapphire Tower, Istanbul Galleria and Marina Park Mall at Ataköy Marina.

Junior Architect / Intern @ COOP HIMMELB(L)AU

October 2005 - December 2006 / October 2004 - November 2005

Working on diverse portfolio of projects of various scales, I have gained a tremendous amount of experience with the following projects: competition entries of the winning proposal for Busan Cinema Center in Korea, Cordoba Artistic Creativity Center in Spain, conceptual design phase of Rhein Main Arena, BMW Welt Bridge in Germany and construction phase of BMW Welt Delivery Center.

ACADEMIC STUDIES

PhD Candidate @ IZMIR INSTITUTE OF TECHNOLOGY

February 2013 -

MSc. in Architecture @ CORNELL UNIVERSITY

June 2011 - June 2012

BSc. in Architecture @ YILDIZ TECHNICAL UNIVERSITY

September 1999 - February 2004

ACADEMIC EXPERIENCE

Studio Instructor

February 2013 -

Working as an instructor at studios ranging from graduation to basic design as adjunct faculty member at various universities: Kadir Has University (2016-), Yasar University (2014-'15), Izmir University of Economics (2013).

Course Instructor

February 2013 -

Teaching courses based on computational design thinking and fabrication technologies: Mef University (2016-), Kadir Has University (2016-), Yasar University (2014-'15), Izmir University of Economics (2013).

Research Assistant

September 2011 - May 2012

Tutored as computational and fabrication assistant at a research project of Digital Ceramics course at Cornell University.

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SKILLS

RHINOCEROS & GRASSHOPPER

ADOBE (PS-AI-ID)

PROCESSING

ARDUINO

MAYA

ZBRUSH

INTERESTS

Creative Role Playing with İda

Lego Bricks

Sailing

Snowboarding

Playing Violin

LANGUAGE

Turkish_Native

English_Fluent

German_Very Good Command

HONORS AND AWARDS

Entrepreneurship Awards

ITU ARI Teknopark Incubator, 2015-2016

Lease support for our startup company FABB

ITU CEKIRDEK, Feb 2015

Early incubation support for our startup company FABB

TGSD Grant, May 2015

awarded by the Ministry of Science, Industry and Technology for the establishment of our startup company FABB focusing on the implementation of robotic fabrication techniques in architecture

Fellowship Awards

Fulbright Scholar Program,

The Helen Fagan Tyler Fellowship,

Turkish Education Foundation, Cornell University, Academic Year 2011-'12

Bentley Scholarship, Smart Geometry Workshop,

Munich, 2008

Leonardo da Vinci Program at Coop Himmelb(l)au

Vienna, 2004-'05

Competition Awards

Time in a City,

Incentive Prize, 2006

Celebration of Cities (UIA),

National Jury Award, 2004

Borusan Center, Archineering 2&3, Istanbul

3rd Prize 2002&2003

WORKSHOPS

Robotic Drawing Workshop @Mef Uni

March 2017

Aethereal Space @Bilgi Uni

June 2016

Introduction to Parametric Design @TOBB Uni

Oct 2015

Augmenting Galata @ 2nd Int. Istanbul Design Biennial,

Sept 2014

Parametric Robot Control #02 @ IUE

May 2014

IntoMotion @ IUE

Dec 2013

Productive City / IAAC GSS Istanbul Sessions @ ITU

July 2013

Parametric Robot Control #01 @ IUE

April 2013

EXHIBITIONS

augmenting Galata, @ 2nd Int. Istanbul Design Biennial

Oct 2014

Robotic Fabrication, @ 8th Nat. Comp. Design in Arch.

June 2014

Algae Canopy, @ 1st IABA International Architecture Biennial,

Sept 2013

Mid-way-up: Open by Design in Berlin

Feb 2012

Urban Cultivation, @ Cornell University

Dec 2011

Adaptive Territories, @Seoul National University

Nov 2011

Designing Ecological Peace in The Koreas, DMZ Forum @ New York Museum of Natural History

Nov 2011

7 Architects From 7 Hills, UIA, WAC in Turin

2009

(as an employee of Tabanlıoğlu Architects)

Fibrous Structures, Evolving structural Logic, @ Garanti Gallery,

2008

Fibractal, Digital Explorers, @ Metropolitan University, London

2008

Venice Biennial of Architecture 'Form, Raum, Net',

Sept-Oct 2006

(as an employee of Coop Himmelb(l)au)