

Soomeen Hahm Curriculum Vitae
MArch. BArch

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SHORT BIO

Soomeen Hahm is the founder of the SoomeenHahm Design Ltd, a design researcher, educator and architectural designer. The founded practice - SoomeenHahm Design Ltd. – is a London based design studio focusing on design research and practice tackling the issues of computational paradigm in architecture across multiple scales and perspectives. The research looks at the ecology of computational power, technology and human intuition and see how this collaboration impacts on the design industry and physical environment.

Soomeen gained her Bachelor of Architecture degree at the Beijing Tsinghua University and her Master of Architecture degree at the Architectural Association where she studied in the Design Research Lab (DRL). After her graduation, she developed her interests focusing on research in generative and algorithmic design using computer coding, application of multi-agent systems in design, interactive/responsive environments, behavioural patterns of natural systems, as well as robotic fabrication processes and digital modes of production. Her latest research focuses on AR/VR, wearable machines and human computer interaction. She is specialized in coding, digital simulations and 3d modelling in various software platforms. Since her graduation, Soomeen has taught and lectured at numerous institutions in UK and internationally, teaching studios, workshops and short courses focusing on computational design. In addition to this, she is contributing to various online educational platforms and digital toolset libraries. While participating in different academic events, she tries to tackle the issue of computational design paradigm in architecture across multiple scales, through collaboration and exchange of knowledge with other experts from the field. She is experienced in teaching design studios. She used to direct multiple design studios at the AA and the Bartlett. She is currently teaching at the Bartlett UCL directing a design studio in master's course – BPro AD - dealing with architectural design and fabrication through augmentation. She is also an experienced designer worked several years at Zaha Hadid Architects and Zaha Hadid Design where she engaged in designing some of the most iconic buildings and products.

EDUCATION

AA DRL. MArch (2008-2010)

Tsinghua University. BArch (2002-2007)

EMPLOYMENT

[SoomeenHahm Design Ltd](#) (Founding Director, 2016-present)

Bartlett (Teaching Fellow, 2013-present)

Co-Unit Director of [RC9, MArch, AD, BPro](#) (2017-present)

Co-Unit Director of UG2, BSc (2016-2018)

Co-Unit Director of RC1, MArch, AD, BPro (2016-2017)

Co-Unit Director of [RC6, MArch, AD, BPro](#) (2013-2017)

AA (Tutor, 2011-2018)

Director of [AA Visiting School Beijing](#) (2016 - present)

Director of [AA Visiting School Seoul](#) (2014 - present)

Unit Master of [AA Intermediate Unit 13](#) (2016-2018)

Course Tutor of [AA DRL](#) (2016-2017)

Software Tutor of AA DRL (2015-2016)

Workshop Tutor for [Diploma Unit1 Tobias Klein Studio](#) (2013-2014)

Technical Studies Tutor for Diploma Unit1 Tobias Klein Studio (Apr 2013)

Technical Assistant Tutor for AA DRL Patrick Schumacher Studio (2012-2013)

Unit Master of AA Visiting School Shanghai (2011-2018)

Zaha Hadid Architects (Senior Designer, 2011-2016)

Senior Designer of [Zaha Hadid Architects](#) & [Zaha Hadid Design](#) (2012-2016)

Architectural Assistant of Zaha Hadid Architects & Zaha Hadid Design (2011-2012)

UEL (Visiting Tutor, 2015-2016)

Guest Tutor of Cluster C lead by Clara Kraft Isono and Ty Tikari, University of East London (2015 - 2016)

MAIN PROJECTS

Architectural

SteamPunk] [Pavilion Design in Tallinn, Estonia](#), by SoomeenHahm Design (SD Ltd), Igor Pantic and Fologram (Feb 2019 – present, currently under construction stage) *_1st prize winning entry to international competition for Tallinn Architectural Biennale 2019*

Hisense Natural Exploration Museum] [Museum interior design, QingDao](#), China, by SoomeenHahm Design, Igor Pantic, Jakub Klaska and AOM (Nov 2018 – present, currently under construction)

Esfera City Centre] Facade Design & Façade Package Delivery for [Residential Complex in Monterrey, Mexico](#), by Zaha Hadid Architects (Dec 2013- Jul 2014)

Nanjing Cultural Centre] Interior Design, Concert Hall & Conference Hall Design & Package Delivery for [Nanjing Cultural Centre project](#), Nanjing, China, by Zaha Hadid Architects (Jun 2011- Jun 2013)

D'Leedon] Villa Cluster Design & Package Delivery for [D'Leedon Residential Masterplan, Singapore](#), by Zaha Hadid Architects (April 2010- Jun 2011)

Non-Architectural

Frozen Fluid] [Lamp product](#) by SD Ltd (Oct 2018) *_competition short listed under Emerging category & exhibited in Vancouver in May 2018*

Infinite Ring] [Award winning jewellery series](#) by SD Ltd (Apr 2018) *_A'Design Award- Silver Prize*

Cloud Folly] [Public installation](#) by SD Ltd (Jul 2017)

Research

SD Platform] Code library, [custom plug-in](#) & Knowledge sharing platform (2016-present)

Plethora project] Tutorial contributor, [plethora-project online platform](#) (2013- present)

Complex Morphologies] [Customised software](#), Shortlisted software in AlgoDeQ Code competition (Jun 2014) *_Code competition short listed*

COMPUTATIONAL WORKSHOPS

SCI-ARC] Workshop tutor of Studio lead by Casey Rehm, Megastructures: Assembled Landscape, at Sci-Arc, Los Angeles, USA (Feb 2019)

AAVS Seoul 18] Director of the AA Visiting School Seoul, [Social Algorithms VI](#), at Yonsei University, Seoul, Korea (Jul 2018)

AAVS Shanghai 18] Unit Master of the AA Visiting School Shanghai, [Urban Intel](#), at 3D Printing Museum, Shanghai, China (Jul 2018)

AAVS Beijing 17] Director of the AA Visiting School Beijing, [Invent\(fact\)ory 1.0](#), at Tsinghua University, Beijing, China (Dec 2017)

AAVS Seoul 17] Director of the AA Visiting School Seoul, [Social Algorithms V](#), at Yonsei University, Seoul, Korea (Jul 2017)

AAVS Shanghai 17] Unit Master of the AA Visiting School Shanghai, [Smart City](#), at 3D Printing Museum, Shanghai, China (Jul 2017)

MILAN DESIGN WEEK] Workshop tutor of [SENSE-ME workshop](#), SBODIO32, Milan Design Week, Milan, Italy (Apr 2017) *_ Project Composite Skin by RC6 team selected and invited for workshop teaching and exhibition*

AAVS Beijing 16] Director of the AA Visiting School Beijing, [SuperReal 3.0](#), at Tsinghua University, Beijing, China (Dec 2016)

AAVS Shanghai 16] Unit Master of the AA Visiting School Shanghai, [SpecifiCity](#), at HK University Shanghai Centre, Shanghai, China (Jul 2016)

AAVS Seoul 16] Director of the AA Visiting School Seoul, [Social Algorithms IV](#), at Yonsei University, Seoul, Korea (Jan 2016)

ACADIA 15] Workshop leader of ACADIA Conference 2015, [BIO-AGENCY with FormLabs](#), Cincinnati, USA (Oct 2015)

Tsinghua 15] Workshop leader of Tsinghua University Parametric Design Workshop 2015, [Hyper Volume](#), Beijing, China (Aug 2015)

AAVS Shanghai 15] Unit Master of the AA Visiting School Shanghai, [Customized City](#), at HK University Shanghai Centre, Shanghai, China (Jul 2015)

AAVS Seoul 15] Director of the AA Visiting School Seoul, Social Algorithms III, at Yonsei University, Seoul, Korea (Jan 2015)

ACADIA 14] Hackathon Champion of [ACADIA Conference 2014](#), Los Angeles, USA (Oct 2014) *_ 1st prize winner of the Hackathon*

AAVS Shanghai 14] Unit Master of the AA Visiting School Shanghai, [Urban Formation](#), at HK University Shanghai Centre, Shanghai, China (Jul 2014)

AAVS Seoul 14] Director of the AA Visiting School Seoul, [Social Algorithms II](#), at Yonsei University, Seoul, Korea (Jan 2014)

AA Dip1] Workshop tutor of the AA Diploma Unit 1 lead by Tobias Klein, [Augmented Agents](#), at AA, London, UK (Sep 2013-Sep 2014)

AAVS Shanghai 13] Unit Master of the AA Visiting School Shanghai, at HK University Shanghai Centre, Shanghai, China (Jul 2013)

AA Dip1] Technical tutor of the AA Diploma Unit 1 lead by Tobias Klein, at AA, London, UK (Mar 2013)

AAVS Seoul 13] Director of the AA Visiting School Seoul, Social Algorithms I, at Yonsei University, Seoul, Korea (Jan 2013)

U of Belgrade] Workshop tutor of Unit lead by Djordje Stojanovic, [Embodied Machines](#), at University of Belgrade, Serbia (Oct 2012)

AAVS Shanghai 12] Unit Master of the AA Visiting School Shanghai, at HK University Shanghai Centre, Shanghai, China (Jul 2012)

HanKyung U] Workshop tutor of Unit lead by JunKyung Kim, at HanKyung University, AnSeoung, Korea (Dec 2011)

AAVS Shanghai 11] Unit Master of the AA Visiting School Shanghai, at HK University Shanghai Centre, Shanghai, China (Jul 2011)

Tsinghua 11] Workshop leader of Tsinghua University [Parametric Design Workshop 2011](#), Beijing, China (Jul 2011)

Tsinghua 10] Teaching Assistant of Workshop lead by Yusuke Obuchi & Rob Stuart Smith in Tsinghua University Parametric Design Workshop 2010, [Voronoi Shell](#), Beijing, China (Jul 2010)

INVITED LECTURES, TALKS

SCI-ARC] *Symposium Speaker, "Augmented Fabrication", Sci-Arc, Los Angeles, USA (Feb 2019)*
Heatherwick Studio] *Invited Lecturer, "Augmented Fabrication", Heatherwick Studio, London, UK (Nov 2018)*
UNS Argentina] *Invited Lecturer, "[Computational Design & Augmented Fabrication](#)", TEM Lecture Series, National University of South, Argentina (Apr 2018)*
AA] *Invited Lecturer, "Data visualization in architecture and urban design", AA Media Study, London, UK (Feb 2018)*
AA] *Invited Lecturer, "Data visualization in architecture and urban design", AA Media Study, London, UK (Nov 2017)*
IAAC] *Symposium Speaker, [BEYOND, Pavilion of innovation 2015](#), at Barcelona Building Construmat, Barcelona, Spain (May 2015) *_Project Sand Print & Augmented Skin by RC6 team selected, invited for exhibition and presentation**
U of Michigan] *Lecturer, "Chemical Resolution", University of Michigan, Ann arbour, USA (Mar 2015)*
UCN Charlotte] *Lecturer, "Chemical Resolution", University of North Carolina at Charlotte, Charlotte, USA (Mar 2014)*
Bartlett] *Invited Lecturer, "[Open field](#)", [Plexus lecture series #16](#), Bartlett, London, UK (Feb 2015)*
GMC Singapore] *Invited Symposium Speaker, [Global Marketing Conference](#) at Marina Bay Sand, Singapore (Jul 2014)*
SKK U Seoul] *Invited Lecturer, "Material behaviour driven design", SeungKyunKwan University, Suwon, Korea (Apr 2011)*
South Bank U London] *Invited Lecturer, "Material behaviour driven design", South Bank University, London, UK (Apr 2011)*

INVITED EXHIBITIONS

EAB Prague 19] *Invited exhibitor, Experimental Architecture Biennial #4 (Jun 2019)*
Design Milk] *Frozen Fluid Lamp product short listed and exhibited, Vancouver, Canada (May 2018)*
A'Design Award Exhibition 18] *Infinite Jewellery series as A'Design Award Silver Prize, exhibited, ShenZhen, China (Apr 2018)*
Beijing Biennale 17] *Work featured, Beijing Architectural Biennale 2017 Exhibition, Beijing, China (Jun 2017)*
Zaha Gallery] *RC6 Projects featured in Meta-Utopia Exhibition, Zaha Gallery, London, UK (Nov 2016)*
DOMUS London] *Tile design, Short-listed and exhibited, DOMUS Tile Design Competition 2015 (Feb 2015) *_Design proposal short listed**

PUBLICATIONS

CAADRIA 19] *Proceedings of [CAADIRA 2019](#), CAADRIA conference, Wellington, New Zealand, Author of paper "FlowMorph: Exploring the human-material interaction in digitally augmented craftsmanship" (April 2019)*
Shanghai TEN] *[London, UK, Project featured \(July 2016\)](#)*
AAE 16] *[Proceedings of AAE 2016](#), AAE conference, London, UK, Author of paper "Crafting Agency" (April 2016)*
CAADRIA 15] *[Proceedings of CAADIRA 2015](#), CAADRIA conference, Daegu, Republic of Korea Author of paper "Isomorphic Agency" (May 2015)*
Next Generation Building, issue 2] *[Author of journal "Performance driven self-supporting curved surface morphologies and tectonic in current practice" \(2015\)](#)*