

Curriculum Vitae of Toby Burgess

AA Dipl, RIBA II, BAarch(hons), BA(hons)

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Education >

AA Diploma, RIBA II: Full scholarship, Honors nominated
Architectural Association, London, 2008
BA (hons) Architecture, RIBA I: 1st Class Honors
London Metropolitan University, London, 2006
BA (hons) Spatial Design: 1st Class Honors
Chelsea College of Art and Design, London, 2005
Btec certificate in Interior Design: Distinction
Chelsea College of Art and Design, London, 2003
Secondary education: GCSE and A-level
King Edward VI School, Totnes, Devon 1996

Published >

TEDx talk entitled "The Architecture Of Joy"
TEDx Black Rock City, Nevada 2013
Biomimicry in Architecture, Michael Pawlyn, p48-49
RIBA Publishing, London 2011
Digital Architecture, Passages Through Hinterlands, p86-87
Pub London 2009
Environmental Tectonics: Forming Climatic Change, p23-25, p45-47
AA Publications, London 2008
AD Magazine Dec 2007, p154-157
Steve Hardy; Forming Climatic Change
AA Projects Review 2007, p95
AA Publications, London 2007

Awards >

RIBA II Silver Medal 2012 (Lead tutor and project manager)
Solar Decathlon Europe 2012 entry, London, 2011
EU funding E100K
Solar Decathlon Europe 2012 entry, London, 2011
Casa Kike, Gianni Botsford Architects, London (Lead designer)
Winner Lubetkin prize 2008, Winner AIA UK Chapter Excellence in Design Award 2009, Winner RIBA International Award 2008, Winner Chicago Atheneum International Architecture Awards 2008, Winner IstructE Structural Award Community and Residential Structures 2008, Shortlist World Building of the Year 2008 World Architecture Festival
Bentley Scholarship, Bentley Smart Geometry 2008
Munich, Germany, 2008
2nd prize: AAEES Environmental Tectonics Competition
London, 2007
Baylight full fee scholarship, £27K
Architectural Association, London, 2006

Profile >

Toby Burgess (35) currently teaches two Architectural Masters courses at two London Universities, with a focus on the funding and delivery of student led designs, previously coordinating London Metropolitan University's entry in the Solar Decathlon Europe 2012, winner of the Royal Institute of British Architects Silver Medal 2012 for best student project worldwide, and managing delivery of two student architectural installations at Burning Man festival 2013. Across this spectrum of tutoring the themes of environmental design, digital analysis, formal generation and fabrication are his main areas of research.

As the recipient of the Baylight scholarship to study at the Architectural Association, his research focused on the potential of utilising digital technologies in the generation and fabrication of environmentally and culturally responsible architecture.

Toby was lead designer on 'Casa Kike' by Gianni Botsford Architects, winner of the 2008 Lubetkin Prize, and has worked at Grimshaw Architects, where he was a founding member of the 'Project Sustainability Group' an in house team of sustainability researchers and advisors to the office on a range of international projects. His design work and research has been internationally exhibited and published.

Exhibited >

Solar Decathlon China 2013
Datong, China. Solar powered foam house prototype
Burning Man Festival 2013
Black Rock City, Nevada. Two architectural scale installations
EcoBuild 2012
Excel Exhibition Centre, London. 70m2 exhibition of SunBloc solar house prototype
Taekanaka Corporation Headquarters, Tokyo 2010
AA 4th and 5th year thesis work exhibited
Digital Hinterlands Exhibition 2009
ARUP Gallery, London 2009, Diploma 5th year thesis work exhibited
EcoBuild 2008
Earls Court Exhibition Centre, London 2008, Diploma 4th year thesis work exhibited
Environmental Tectonics: Forming Climatic Change Exhibition
Architectural Association, London 2008, AA4th year thesis work exhibited

References >

Robert Mull: +44(0)20 7423 0000
Dean, Sir John Cass School of Art Architecture and Design, London
Neven Sidor: +44(0)20 7291 4141
Partner, Grimshaw Architects, London
Gianni Botsford: +44(0)20 7434 2277
Director, Gianni Botsford Architects, London
William Firebrace: +44(0)77 4333 4606
MAarch Course Director, Westminster University, London



Experience >

2011 October - Present: Diploma Studio 10 Unit Master, Westminster University:

Leading design studio DS10 on the RIBA II accredited Masters course in collaboration with Arthur Mamou Mani.

Project Director, Shipwreck and Fractal Cult 2013. Responsible for securing \$30K funding to deliver two architectural installations at Burning Man 2013.

2010 October - Present: London Metropolitan University:

Project Director, Solar Decathlon 2012. Responsible for successful entry bid into competition, securing £100K EU funding to deliver a solar powered house. Coordination of Diploma and Masters students to meet project deadlines, and the integration of project into curricula of three post graduate courses.

Associate lecturer. Teaching across two courses, the masters course MA in digital design systems, and Diploma unit04, as well as teaching an elective module in Advanced Digital Design Techniques.

Digital Coordinator, London Metropolitan University. Responsible for coordinating the digital delivery at the University Architecture department. Recruitment and management of specialist software tutors to train students. Coordinating class schedules. Coordinating hardware and software rollouts for the department. Recruitment and management of six staff, timesheets, contracts. staff management.

2008 September - 2010 October: Part II Architectural Assistant, Grimshaw Architects, London:

Founding member: Project Sustainability Group, Grimshaws Sustainability awareness and auditing group. Design of group and aims. Reviews of projects to ascertain sustainable initiative. Providing information to office regarding sustainable construction. Attending and recording numerous relevant seminars and disseminating information to wider office.

University of Southampton Annexe Extension (10 months), Southampton. Construction Phase. Budget: £1.6M. Sole responsibility for day to day running of project within the office under a D&B contract. Coordinating contractors and sub contractors. Weekly site inspections and reports produced. Handover and production of record drawings.

Saphira Tower, Rabat, Morocco (2 months) Mixed use tower. Competition. Budget: £120M.

Venice Marghera Tower, Venice (6 months) Mixed use tower. Planning application. Budget: £80M.

Centre Point towers two and three, London (5 months) Mixed use tower. Planning application. Budget: £300M.

King's College Extension, London. (1 month) Educational building. Competition. Budget: £30M.

2006 June - 2008 June : Part I Architectural Assistant, Gianni Botsford Architects, London:

Casa Kike, Cahuita, Costa Rica (5 months lead designer) Timber frame residence. Budget: £55K. Environmental analysis using Meteonorm and Ecotect. Sketch design development. Leading meetings with structural engineers. Client presentations. Design of timber frame and junction details. Liaising with contractors in Costa Rica. Production and presentation of 3D models using 3DS Max. Production of final models and drawings.

2005 June - 2006 June : Associate lecturer, Chelsea College of Art and Design, London.

2002 May - 2006 June: Freelance furniture designer, part time, Self employed, London:

Design and realisation of bespoke furniture items for high end residential clients.

2002 May - 2006 June: Experiential marketing, part time, RPM Creative Agency, London:

Project manager for promotion of Vodafone campaign, responsible for four staff. Direct marketing, product demonstration to public. Face to face interaction.

1999 June - 2002 May : Assistant set designer, Smash Box Productions, New York City:

Construction and coordination of varied sets for clients including Hugo Boss, Jil Sander and Clinique, published in Vogue, iD, W Magazine and many other international magazines

1998 Mar - 1999 May : Sales person, Tenerife:

Set up small commission based team venture selling excursions to tourists. Direct sales techniques, face to face promotions

1997 March - 1998 January : Construction worker, Berlin:

Construction and carpentry roles for various employers

Digital Skills >

Advanced 3D modelling and rendering and digital skills. Adobe CS, Microsoft Office Suite AutoCAD, Microstation, Generative Components, 3D Studio Max, Rhinoceros, Ansys 11, Meteonorm, Weather Tool, Ecotect, Radiance, Real Flow, Physical model making.

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Selected projects >



Shipwreck and Fractal Cult: Burning Man Festival, Nevada, 2013
Lead tutor and project manager / Secured \$30K funding



SunBloc solar powered foam house prototype: Solar Decathlon Competition, Datong, China, 2013
Role: Lead tutor and project manager / Secured £100K funding / RIBA Silver medal winner 2012 for best student project worldwide



Casa Kike, Gianni Botsford Architects: La Cahuita, Costa Rica.
Role: Lead designer / £55K budget / Lubetkin Prize winner 2008 / Winner RIBA International Award 2008



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