

Profile

- Architectural Assistant specialising in Sustainable Design
- Bamboo Designer and Natural Materials specialist
- Course leader and lecturer - MArch Architecture (Applied Technology in Architecture Module) and Lecturer BA Architecture (Technical Studies Module) at the University of Westminster, London
- Undertaken projects across Europe, Latin and South America, USA and Asia (from 2012-2019)
- On a mission to promote sustainable building to the construction industry

Nationality British

Architecture Experience

Jul 2020 - Present **Freelance Architectural Assistant**
RUIIMTE Design | Kemp House, 152-160 City Road, London, EC1V 2NX
Tasks across Stages 0-5 RIBA Plan of Work

- Design assistant for an Interior Architecture design practice working on refurbishments of private residential domestic properties. Working with Abdi Ali (Director) to produce planning applications, drawing packages (floor plans, elevations, construction drawings, 3D visuals) bespoke furniture designs, and liaising with subcontractors to coordinate building works.
- Contract value of works between £8,000-40,000.

Dec 2020 - Feb 2022 **Site Manager**
Facit Homes UK LTD | 3A Godson St, Angel, London N1 9GZ
New Build, Private Residential House 320 sq/m (Design and Build)
 Project Value £1.8 million
Stages 5 Manufacture and Construction

- Site Manager building a sustainable timber and plywood house at 93 Lyonsdown Road, New Barnet EN5. 12 months on-site Managing and coordinating activity between head office and on-site to ensure the project was built on time on budget, direct to the end user.
- Worked closely with the lead Carpenter, Project Architect and Contract Manager to track and report progress, managed and coordinated design information and drawings, inspected works in progress/completed (QA), problem solved with the studio team and subcontractors of construction details and build sequence.
- Acted as the CDM Health and safety coordinator, lead weekly site meetings with the studio and site team. Oversaw the completion of all subcontractor's scope of works and various contractual obligations, as well as handling the client on weekly site visits.

Feb - Jun 2020 **Consultant - Materials Specialist**
Atelier One - Structural Engineers | 3 Charlotte Mews, London W1T 4DZ

- Undertaking research and recommending bamboo construction systems, treatments and species for current and future bamboo projects.
- Developing a unique transportation plan and identifying biosecurity laws and regulations across Europe, Africa, Asia and South America.
- Developing a new bamboo department and resource centre within the company.
- Utilising existing connections and building new relationships with potential international bamboo consultants and organisations.

2018 - 2020
 (18 months)

Architectural Designer and Project Coordinator

Cosmic Social Outreach Projects | Lake Atitlán, Guatemala
Tasks across Stages 1-7 equivalent of the RIBA Plan of Work

- Architectural Designer of a 85m² Multi-functional Eco-class room primary school made from bamboo, timber and earth.
- Full design scheme incorporating recycled windows, doors, Ironmongery and various indoor and outdoor furniture.
- Prepared Design Programme and Construction Programme with Principal contractor.
- Organising site logics of arrival of bamboo and materials to a remote location. On-site inspector of construction assurance and quality during the build.
- Devised building Hand Over agreement and Post-occupancy after-care terms with school teachers & governors and city council officials of San Pablo la Laguna.

Sept 2010 - Dec 2011

Knox Bhavan Architects | Choumert Road, London SE15 4AR
www.knoxbhavan.co.uk

Part 2 Architectural Assistant

Main project involved : Crowbrook, Hunsdon Ware, Hertfordshire
New build, Private Residential House, 155 sq/m (Traditional contract)
 Project Value £610,000

Tasks across Stages 1 Preparation and Briefing and 3 Spatial Coordination and 5 Manufacture and Construction

- Production of construction drawings with the Director.
- Detail drawings of bespoke joinery and furniture for the Living Room & Kitchen.
- Prepared specification and schedules of lighting, ironmongery and sanitaryware.
- Design and production drawings for interiors of all soft furnishings for Bedrooms, Living room and Study. Designed templates for production of all bespoke furniture.

Contract administration: prepared all monthly Fee and expenses Applications, monthly Interim Certificates, Architect's Instruction and certificate of non-completion.

Aug 2008 - Aug 2009

Part 1 Architectural Assistant

Involved with all projects in the Office (six projects over the year)

Tasks across Stages 1 Preparation and Briefing and 5 Manufacture and Construction

- Planning Application drawings and compiling planning packages for Southwark and Lambeth based residential projects.
- Involved in pre-application planning documents with council officers.
- Sourced specialised, unique furniture pieces and decoration for Private Residential projects.
- Involved with compiling PPQs and EOIs for potential projects.
- Organising monthly CPDs, in-house talks and office excursions.

Education

2020 - 2022

Architecture Part III - Post-Graduate Diploma in Architecture
 University of Westminster, London (completion in January 2023)

2012 - 2014

Architecture Part II - Professional Diploma in Architecture
 London Metropolitan University, London

2009 - 2010

Architecture Part I - BA Hons (Conversion course to Architecture)
 London Metropolitan University, London

2005 - 2008

Architectural Studies - BSc Hons
 Bartlett School of Architecture, UCL, London

Principal Designer with Project Manager Experience

2019
(2 months on site) **Principal Designer and Project Manager**
'IXCACO' Music Stage at 'Cosmic Convergence Festival' | Santiago, Guatemala
Tasks across Stages 2-5 equivalent of the RIBA Plan of Work

- Principle Designer of themed stage 8 x8x7 metres in bamboo and wood, produced drawings and all technical details of shade sail and fabric rigging.
- Lead contractor of stage build and dismantle.
- Responsible for the construction programme and execution.
- Leader of labour force of 19 people.
- Responsible for site logistics of material deliveries to site, resolving site issues, queries for all design and build aspects.
- Health and Safety officer for three designated areas within festival zone.

2018
(2 months on site) **Principal Designer and Project Manager**
Boom Festival | Idanha-a-Nova, Portugal
Tasks across Stages 2-6 equivalent of the RIBA Plan of Work

- Designer of the *World and Music Dance Stage* an area of 25 x 25 metres incorporating sustainable and environmental strategies for construction, after use and storage.
- Responsible for the Construction programme and execution.
- Produced drawings and all technical details of 15 metre woven willow wall and 5 metre tall decorative lamps across stage zone.

2017
(7 months) **Architectural Designer and Project Coordinator**
BambooDNA Ltd | United States of America. Working on sites across Florida, California, Oregon and Nevada.

- Senior bamboo builder and designer of stage façades, artistic deco, details and interactive public art installations.
- Project Coordinator of 7 bamboo installation projects across the States.
- Manager of material deliveries, storage and managing the tool workshop.
- Fitting out the new BambooDNA headquarters, created master plan of working space, constructed furniture: work benches, tables and stools, and erected rigging shade across working areas outside.

Software

Vectorworks 2D & 3D
Revit (currently learning in private time)
Sketch up
Adobe: Photoshop, InDesign, Illustrator
Microsoft Office and Teams and Google Suite

Languages

English - Native
Portuguese - Upper Intermediate (B2)
Spanish - Intermediate (B1)

Skills

Site Management
Project Management
Creative and innovative design
Natural materials Specialist
Leadership
International Collaboration
Communication

Academic Involvement

Feb 2022 - Present
Module Leader and Lecturer | University of Westminster, London
'Applied Technology in Architecture'
Masters (MArch) Architecture course with Pete Silver

Oct 2018 - Present
Lecturer | University of Westminster, London
'Technical Studies - Structures, Materials and Design'
BA (Hons) Architecture and BSc Environmental Architecture course

Leading Workshops and Courses

Jul 2019 - Jul 2021
Course Leader and Content Creator of The 'Architecture Summer School'
University of Westminster, London
Leader of the *Summer School* course for students aged 14-19.
Prepared all content, exercises and organised building and walking tours around London.

Dec 2018 (2 weeks)
Bamboo 101 Course - Bio-Construction Journey
Cosmic Social Outreach, Lake Atitlán, Guatemala
Course leader and teacher. Prepared all content and led a 15-day international workshop teaching the basics of bamboo and eco-building.

Selected Talks, Exhibitions, Conferences

November 2021 **Digitally Manufactured Homes Talk with FACIT HOMES UK LTD**
Technical Studies talk - University of Westminster
With Bruce Bell (CEO) and Pedro Hurtado Silva (Head of Product Development).

May 2021 **Climate Debate - Architecture won't be relevant on a dead planet**
WESTcan x MSSA Conference - Online Event
Climate debate discussing the future of architecture with guest speakers.

November 2020 **Women in Construction**
Sister Series - Springer Nature Publication
Online talk discussing Women in Construction as an on site builder.

October 2020 **TEDx Talk - Re-imagining Construction**
Countdown Event - London (Online recording with team)
TED Talk discussing climate change and how to change the construction industry.

June 2020 & 2019 **London Festival of Architecture (LFA)**
Producer and Presenter of 2 LFA Events
'A Bright Bamboo Future' with 6 international participants (online) and 'Building a Bamboo Future'. Presentation and fundraising event (Live) at Total Boxer, Haringey N4

Jan - Feb 2019 **'The Desert Sunrise'**
Photographic Exhibition - Solo Show
El Callejón, Lake Atitlán, San Pedro, Guatemala

'Bamboo Structures and Design' Afternoon lecture with offices
Atelier One Engineers - London (2020)
Fluid Structures Engineers - London (2017)