



Louise Colgan BEng

Design Engineer at Structure Workshop

Qualifications

BEng, Architectural Engineering, University of Leeds, 2015 (First Class Honours)

Professional

Graduate Member Institution of Structural Engineers

Employment History

2016–Present

Engineer:
Structure Workshop

2014–Present

Co-founder / Designer:
Kinsphere

2015–2016

Design Engineer:
StructureMode

2015

Graduate Engineer:
Renaissance

Louise studied Architectural Engineering at the University of Leeds and was awarded the Lunoe Trust Bursary for Academic Achievement and the Rodney Bradshaw Prize for the best Final Year project prior to graduating with First Class Honours. She gained early professional experience at Renaissance Engineers in Manchester before returning to London to work as a Design Engineer at StructureMode. Louise worked on a broad range of projects from art installations, house extensions and humanitarian projects, including the construction of a school and library in Zambia involving innovative construction methods using earth from a local site.

Since joining Structure Workshop, Louise has continued to build on her experience of niche projects that span the arts, residential and commercial sectors. Notably, *Beautiful Minds* by artist Anya Gallacio—a gigantic 3D printer suspended from the ceiling of the Thomas Dane gallery; and Winchester Walk—a two-storey roof and basement extension to an existing historic warehouse in Southwark with William Matthews Architects.

Outside of Structure Workshop, Louise focuses on her own practice, designing art installations for events around the country. She leads regular educational workshops in her studio on fabrication processes, prototyping and the experimentation of materials.