



Nicholas Willsher

Profile

I am a freelance fabricator based in Bristol, UK. I specialise in movement through puppetry, animatronics and robotics. Interactivity and human interaction are core to my practice.

Contact Information

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Education

University of Oxford
MSc Molecular and Cellular Biochemistry

London College of Communication
ABC Animation Skills

References

Natasha Rosling
Artist and Project Manager
Rusty Squid
+44 7737 046 696
natasha.rosling@gmail.com

Emma Powell
Director
Emma Powell
+44 7734 579 180
contact@emmapowell.com

Chris Pirie
Artistic Director
Green Ginger
+44 7977 465 850
chris@greenginger.net

Skills

Languages

C/C++
JavaScript
Python
HTML/CSS

CAD

Blender
Fusion360
Rhinceros

Manufacture

Laser Cutting
3D Printing
Paper Prototyping
Electronics

Craft

Mould-making
Casting
Sewing
Knitting
Crochet
Drawing
Sculpting
Foam Fabrication

Software

Arduino
Kinect
OpenCV
TouchDesigner
Pepakura

Projects

Moth

The Ensemble
Engineer

How to Build a Robot

Rusty Squid
Fabricator and Technical
Support

The Tinkering Space Sign

We the Curious, Bristol
Rusty Squid
Designer and Fabricator

Future City

King's College, London
Emma Powell
CAD Technician and
Fabricator

Heart in Your Hands

Rusty Squid
CAD Technician and
Fabricator

Hospital m2

*Imperial War Museum,
London*
Emma Powell
CAD Technician and
Fabricator

The Lion, the Witch and the Wardrobe

West Yorkshire Playhouse
Marc Parrett
Foam Fabricator

RockCam

DalbyTech
Designer and Fabricator