


# Tobias Kappeler

 [Website](#)

 [Email](#)

 +44 7397 729 527

 London, United Kingdom

## Work experience

### Design Research Intern

08/2020 - 09/2020

DLX Design Lab

Tokyo, JP (remote)

- Co-developed 2 prototypes of a control and communication system for level 3 and level 4 autonomous vehicles with novel multi-modal interactions between vehicle, driver and passengers.
- Co-led research, ideation, prototyping and project management of multidisciplinary team of architects, engineers and designers.
- Prototyped ideas and interactions of both systems physically and through virtual reality installation.
- Achievement: project outcome generated longterm collaboration between DLX Design Lab and U-Tokyo Mobility labs.

### Metalwork Project Manager

07/2015 - 08/2016

Blaser Metallbau AG

Andelfingen, CH

- Designed bespoke steel, stainless steel and aluminum constructions including; glass-metal constructions, insulating doors and facades, stairs, handrails, balconies, canopies and automated doors.
- Developed solutions and financial plans for contracts > CHF 1M.
- Led teams of 5 people; educating and teaching trainees.
- Designed constructions and technical details.
- Managed manufacturing process and assembly on site.
- Oversaw billing; responsible for complaint and service work.

### Customer Service Representative

11/2016 - 07/2019

Novis Electronics AG (parallel to BA studies)

Uster, CH

- Represented SONOS at exhibitions, fairs and multimedia stores across Switzerland.
- Provided technical support to customers.

### Construction Supervisor

02/2014 - 02/2015

Blaser Metallbau AG

Andelfingen, CH

- Assembled and installed: fire preventing doors and facades, automated doors, glass-metal constructions and railings at shopping centres, airports, train stations and private housing.
- Managed teams of 5 people and educating trainees.
- Responsible for time management, quality control, building regulations and supplementary work upon requests from architects.

### Skilled Metal Worker

08/2012 - 07/2013

Blaser Metallbau AG

Andelfingen, CH

- Built bespoke steel, stainless steel and aluminium constructions.

## Extracurricular experience

### Candidate Welnnovate Accelerator

02/2021 - 04/2021

Imperial Enterprise Lab

London, UK

- Led customer discovery and segmentation through validating assumptions in interviews, defined value proposition and designed project pitch for project Claro - Air quality for cognitive performance.

I am an **interaction and experience designer** who **collaborates** with **multidisciplinary teams combining design and technology** to **prototype** and **develop innovative applications and services** that **connect and empower people**.

I am a **creative problem solver** with **persistence** and a **hands-on approach**, always **curious and observing**, **obsessed with details** but never forgetting the **big picture**. I use **research and empathy** to define problems and then explore and create **intuitive interactions** and **immersive digital products** to solve them, with a **human-centred focus**.

## Education

### MA/MSc Innovation Design Engineering

Royal College of Art & Imperial College London

2019 - 2021 | London, UK

### BA Process Design (Post-industrial Design)

HyperWerk, University of Applied Sciences Northwestern Switzerland.

2016 - 2019 | Basel, CH

### Federal Vocational & Educational Training

#### Diploma in Metalwork

Blaser Metallbau AG

2008 - 2012 | Andelfingen, CH

### Federal Vocational Baccalaureate

Vocational School Winterthur






2008 - 2012 | Winterthur, CH

## Skills

### Thinking

-  Research
-  Ideation
-  Sketching
-  Design thinking
-  Design futures

### Making

-  Rapid Prototyping
-  3D CAD modelling
-  Programming (C++/C#)
-  Physical Computing
-  Rendering / Animation

## Software

### 3D

-  Blender
-  Fusion 360
-  Unreal Engine
-  Unity
-  Gravity Sketch

### Graphics/Code/Audio

-  Concepts App
-  Adobe Ps, Ai, Id
-  Figma
-  Arduino
-  Ableton Live

## Extracurricular activities

### Music Producer & DJ

2016 - present

Tobias Andrea

CH, AUS, UK, DE

- Producing audio with hardware and software instruments.
- Designing sounds and mixes with effects processing and mixing.

### Co-Founder, U.F.O. & SDIDS

2015 - 2019

Electronic music event labels

Zürich & Basel, CH

- Managed artist booking and care; performed as DJ.
- Planned and managed logistics of events up to 200 people.
- Designed visual communication and interior decoration.

### Designer & Builder

03/2015 - 06/2016

Retrofitting private house

Byron Bay, AUS

- Co-designed and constructed interior and exterior of an off-grid house from recycled materials.