

Charlotte +41763701137  
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 Qin charlotteqin.com

## EDUCATION

2017- 2019 **MA** *Royal College of Art (RCA)* *London, UK*  
**MSc** *Imperial College London*

two-year double master's course in Innovation design Engineering elective  
 workshop at the School of Traditional Art, London  
 business module with Venture Catalyst Challenge at Imperial College London  
 hosted event for intersex awareness featuring Stephen Fry at the RCA participated  
 in Communicating Physics with Art at Imperial College London

2012- 2016 **BSc** *McGill University* *Montreal, Canada*

four-year bachelor's course in honours physics  
 experimental experience in quantum optics, astrophysics, and particle physics  
 summer student for ATLAS Experiment of CERN  
 exchange student at University of Geneva  
 honours thesis in medical physics

## DESIGN (2017-present)

12.2019  
 - present

**ArtScientist**  
*QinTheory Studio*

unifying the field of art and science through by providing design and consultancy  
 service in science communication, visualization, and interdisciplinary facilitation

11.2019  
 - 05.2019

**Research Assistant**  
*Graduate Institute of Geneva* *Geneva, Switzerland*

contributed to complexity science research in food security and resilience through  
 climatic data visualization and prototyped mobile-based data collection tools

07-10.2019

**Information Designer**  
*Bell Labs* *Cambridge, UK*

worked with A.I. scientists to create visualization of emotions and designed calm  
 technology for the wearables and electronic information display

03-07.2019

**Creative Technology Educator**  
*blue{shift}* *London, UK*

taught creative coding and robotics courses to children in private and group lessons

07.2018-  
 03.2019

**Design-Science Ambassador**  
*CERN* *Geneva, Switzerland*

facilitated a series of workshop and design-science collaboration between scientists  
 and designers at CERN and the Royal College of Art

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ARTSCIENCE (2019–present)

- 06.2020–  
present

**Ecology & Geology**  
*Oika Arts Programme*  
4-week course in ecological intelligence
- 11.2019

**Neuroscience**  
*Campus Biotech*  
Brainhack: collaborated to create sonification of fMRI data
- 10.2019

**Quantum Physics**  
*CERN, Geneva Switzerland*  
Quantum Futures Hackathon: explored new ways to communicate quantum physics
- 05.2019

**Biology & Genetics**  
*University of Edinburgh, UK*  
BioDesign Workshop: lab work and design fictions with mycelium networks

SCIENCE (2012–2016)

- 05-09.2016

**Data Science**  
*McGill University*  
Contributed to data science research in crowdsourcing
- 09.2015–  
05.2016

**Medical Physics**  
*McGill University*  
Designed an algorithmic method to improve the precision of Intrabeam-based breast cancer radiotherapy
- 05-09.2014

**Particle Physics**  
*McGill University/CERN*  
Contributed to the design of the state machine that monitors the testing facility at McGill University for preparing the 2018 upgrade of ATLAS Experiment at CERN
- 07-08.2013

**Solid State Physics**  
*Chinese Academy of Sciences*  
Lab assistant to the research of ferromagnetism at extremely low temperature

SKILLS

- Languages

Chinese, English, French
- Programming

Python, HTML, CSS, JavaScript, Processing, Matlab, Mathematica, Arduino, Raspberry Pi
- Software

Adobe Photoshop, Illustrator, InDesign, and Premiere, Webflow, Rhino, QGIS