

Charlotte +41763701137
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EDUCATION

2 years

Innovation Design Engineering

2017- 2019

MA *Royal College of Art (RCA) London, UK*

MSc *Imperial College London*

4 years

Physics

2012- 2016

BSc *McGill University Montreal, Canada*

University of Geneva Geneva, Switzerland

DESIGN (2017-present)

6 months

Art Director

05.2020 -
present

QinTheory Studio

creating fine art and exhibitions (physical and virtual), providing art direction and design service to new and established organisations and research institutes

6 months

Science-Policy Designer

11.2019 -
05.2020

Graduate Institute of Geneva Geneva, Switzerland

contributed to evidence-based policy research with computational modeling and data visualisation, prototyped mobile-based data collection tools

3 months

Information Designer

07-10.2019

Bell Labs

Cambridge, UK

designed calm technology and created visualization for emotions and crowd affects based on biofeedback systems of wearables technology

Publication - *arXiv:2010.07209 - IEEE Visualisation Conference (VIS)*

9 months

Design-Science Ambassador

07.2018 -
03.2019

CERN

Geneva, Switzerland

initiated and facilitated the Grand Challenge collaboration between 16 scientific professionals from CERN and 374 design studentst at the Royal College of Art

SCIENCE (2012-2016)

9 months

Medical Physics

09.2015 -
05.2016

McGill University

designed and developed an algorithmic method which improves the precision of Intrabeam-based breast cancer radiotherapy

4 months

Particle Physics

05-09.2014

McGill University/CERN

contributed to the design of the state machine that monitors the testing facility at of McGill University for preparing the 2018 upgrade of ATLAS Experiment at CERN

Publication - *arXiv:1702.01240 - Journal of Instrumentation (JINST)*

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ART & SCIENCE (2019–present)

- 2020** **Quantum Physics** *CERN*
 prototyping quantum experience at the Science Communication Hackathon
- Art, Philosophy, Critical Theory** *Graduate Institute of Geneva*
 been part of the “Theory for Thought” reading group since March 2019
- Ecology & Geology** *Oika*
 4-week course in ecological intelligence bridging nature to culture
- 2019** **Neuroscience** *Campus Biotech*
 sonification of brain’s fMRI data at different emotional states at Brainhack
- Quantum Physics** *CERN*
 science communicate for quntum physics at the Quantum Futures Hackathon
- BioDesign** *University of Edinburgh*
 integrating laboratory experiments with critical design for mycelium networks

EXHIBITIONS

- 2020** Urban Poésie *Geneva, Switzerland*
 IEEE VIS 2020 Arts Program *Salt Lake City, USA*
 Dutch Design Week *Eindhoven, Netherland*
 Madarin Oriental *Geneva, Switzerland*
 RCA2020 Degree Show *London, UK*
- 2019** Chemistry Future Conference *London, UK*
 Imperial Colelge Hackerspace *London, UK*
 VCC Grand Final *London, UK*
 RCA Work in Progress Show *London, UK*
- 2018** RCA Work in Progress Show *London, UK*

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