



Xianzhi ZHANG

Engineer-Designer

xz-zhang.com - cestxianzhi@gmail.com - +44 751 897 6807

Education

Royal College of Art &
Imperial College London

UK, 2019 - 2021

MA & MSc Innovation Design Engineering

Université de Technologie de
Compiègne (UTC)

France, 2011-2016

Diplôme d'Ingénieur (Master's degree)

Mechanical engineering with a specialisation in
industrial design

Université de Montréal

Canada, 2014

Exchange semester

School of Industrial Design

Languages

English: Professional Working Proficiency

Chinese: Native Speaker

French: Bilingual Proficiency

Awards

Award

Innovation Awards 2019, Consumer Electronics
Show (CES): Withings BPM Core

Patent

Cuff-Type Monitoring Device For Monitoring
Cardiovascular Parameters, publication number:
20200214578

Cuff-Type Monitoring Device For Monitoring
Cardiovascular Parameters, publication number:
20200214577

Device for Analysing Cardiovascular Parameters
of an Individual, publication number:
20200121197

Press

Dezeen: RCA students design phones that turn
speech into physical sensations
<https://www.dezeen.com/2020/05/27/sandeep-hoonjan-xian-zhi-zhang-haptic-phones/>

Experiences

Withings (part of Nokia 2016-2018) - Mechanical Design Engineer

France, Oct. 2016 - Jul. 2019

Led mechanical engineering for smart healthcare devices including BPM Core and BPM Connect - accompanying their product cycle from research, component sourcing, mechanical design, prototyping, productionisation, user testing, quality control to product launch.

TANGIO LTD - Production Engineering Consultant

UK, Aug. 2020 - Sep. 2020

Consulted for production challenges including components testing, prototype to MP validation and product inline test.

EIT Health Wild Card - Participant

UK, Jun. 2021 - Present

European Institute of Innovation & Technology venture incubator participant with BrightSide, the first communication tool for parents with chronic condition.

WelInnovate - Team Lead

UK, Feb. 2021 - Apr. 2021

Imperial College WelInnovate entrepreneurship programme phase I candidate

Parrot SA - Industrial Design Intern

France, Sept. 2015 - Jun. 2016

Proposed and implemented the design of an entertainment mini-drone and drone accessories.

Groupe Renault - Assistant Program Manager Intern

France, Feb. - Jul. 2014

Planification and automation for automobile engineering projects.

Skills

Design

Sketching & Visualisation (Adobe Creative Suite, Keyshot); Concept development; 3D modeling (Solidworks, PTC Creo, Rhino, Grasshopper); Physical prototyping; User research; Figma

Engineering

Mechanical engineering; Design for manufacturing; Productionisation; Arduino; Quality control; Product reliability testing; Component sourcing; Project management