



Xianzhi ZHANG

Designer-Engineer

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Education

Royal College of Art & Imperial College London

UK, 2019 - 2021(expected graduation)
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

The Second High School attached to Beijing Normal University

China, 2007 - 2010

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-xianzhi-zhang-haptic-phones/>

Experiences

TANGIO LTD - Production Engineering Consultant

UK, Aug. 2020 - Now, part time

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

Withings (part of Nokia 2016-2018) - Product 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.

Laboratoire d'Électromécanique de l'UTC - Designer

France, Jul. - Aug. 2016, freelance

Designed a concept hydraulic passenger drone that transforms how people travel in 3D spaces instead of 2D surfaces. The design has been selected for a 1:1 scale physical prototype and implemented by the laboratory as a proof-of-concept.

Parrot SA - Industrial Design Intern

France, Sept. 2015 - Jun. 2016

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

Johnson & Johnson - Student Design Consultancy

France, Feb. - Jul. 2015, part time

Identified user pain points of a baby care product and proposed a packaging that streamlines the user experience.

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

Engineering

Mechanical Engineering; Design for Manufacturing; Productionisation; Arduino; Quality Control; Product Reliability Testing; Component Sourcing; Project Management