



# Xian-Zhi 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

French: Bilingual Proficiency  
English: Professional Working Proficiency  
Chinese: Native Speaker

### Awards

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

**Patent**  
Two US pending patents related to Withings BPM Core

### Experiences

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

Jul. - Aug. 2016

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

Sept. 2015 - Jun. 2016

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

Johnson & Johnson - Student Design Consultancy

Feb. - Jul. 2015 part time

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

Groupe Renault - Assistant Program Manager Intern

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); Physical Prototyping

#### Engineering

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