

Clémence Sulmont



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London



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clemencesulmont.com

SKILLS

Languages

French

English

Graphic/UX design

Adobe InDesign

Adobe Illustrator

Adobe Photoshop

Adobe Fresco

Figma

Product Design/Modelling

User Research

Prototyping

Product Validation

System analysis

Solidworks - Fusion - Keyshot

3D printing - Laser cutting

Hand and Machine sewing

Workshop tooling

Notion

Programming

Python 3.0++ & PyQt5

Javascript

C++

MATLAB

HTML & CSS

Hardware & Robotics

Arduino Mega 2650

AtTiny 85 with Circuit Design

MakeBlock Mega Pi

Raspberry Pi

Lego Mindstorm EV3 and NXT

Third year Design Engineering student at Imperial College London. Interested in developing innovative products with a team from conception to implementation.

EDUCATION

Imperial College London

MEng Design Engineering (2020 - 2024) - Predicted 1st

A in Physical Computing

A in Industrial Design Engineering

A in Sustainable Design Engineering

- Group concept development for underserved users

Spotfind - As the CTO, assembly of electronics components and programming of the item tracking device and tags, carers need.

Sensko - Collaborated with users to produce a blister pain relieving shoe hi-fi prototype for athletes.

- Varied technical skills developed and refined through engineering modules.

Interactive Plywood Machine - Mastermind game against sassy robot built with workshop machines and Arduino.

Computing Webapp Creation - Interactive software system created to aid seniors navigate computers.

3D printed automaton - Designed and created a memento to climate change with various mechanisms only using 3D printed components.

Ecole Jeannine Manuel

Baccalaureat with international option (2011 - 2020)

EXPERIENCE

3 Months Volunteer Placement at HOPE

Graphics Design Deputy Manager, 2022

- Design of website pages illustrating HOPE's work supporting multiple causes and building an educational app for nurseries. (www.humanitarianoperations.org and www.hope3g.com)

- UI & UX design of the Nursery Hub, which enables the users to manage admin information and access additional resources.

Imperial College London

Engineering Global Summer School (2019)

- Interdisciplinary group project developing a product combining health and robotics to manage nutritional intake with an intelligent fork.

EXTRA-CURRICULAR ACTIVITIES

Sewing

Self taught to sew, I strive to master multiple techniques and domains from embroidery to clothes, aiming for high quality results.

Robotics Academy (Equipment Manager)

Helping young students discover STEM through building and coding robots using LEGO Mindstorms

Website Creation (Portfolio)

Design & building of my portfolio: <https://clemencesulmont.com>