Bettina Sosa Röhl
Design Engineer.

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Github: https://github.com/bettinasosa

SKILLS

Programming
Python, C, MATLAB
HTML5, CSS3, Javascript

Prototyping
CAD & FEA: Solidworks, Fusion 360.
CES Edupak, workshop skills

Graphical assets
Graphic design: InDesign, Illustrator
UI/UX design: Adobe XD

Production
Premiere Pro, Keyshot, Photoshop

Data Science/ Optimisation/ Robotics
Python

FIELDS & TECHNIQUES

Sustainable design, Typography,
Illustration, Workshop

AWARDS

2018-19 **Best society of the year**
Imperial College London
Design Engineering

2015 **Pruebas Cangur**
Top 1%
National maths award

LANGUAGES

Spanish: Native
English: Native
Catalan: Native
French: Basic

CAREER INTERESTS

Product Design, Web development, Sustainability, Generative design, User experience, User interaction, IoT.

EDUCATION

Imperial College, London - Design Engineering MEng   2017 - 21
Projects:
- First class grade: Gaming system for the visually impaired: "Andromeda"
- Exhibited at Design Museum London: sustainable clothing for Mars: "A two planet species"
- First class grade: Sustainable packaging "StackeRs"

Colegio Teresianas Ganduxer, Barcelona - ES High school 2012 - 17
- Grade: 9.31/10 (top 5%) with Honours.
- 10/10 Final thesis project: "Food for Mars"

Somerset Virtual Academy, Miami - USA High school   2013 - 17
- Grade: 3.87/4 GPA (top 5%) with Honours

LCI (design school), Barcelona - Fashion Design Basics   2019
- Projects: "XRS" Collection, "MAPS" collection

EXPERIENCE

M2JN, London - Junior Design Engineer   2019 - present
- Designing the visual identity for the company
- Programming the web app for their product
- Improving the DFM and CAD design

Imperial College London - UI/UX Design/programming   2019
- Designed the new visual identity for the college's virtual platform
- Improved the UI/UX design, increasing user satisfaction by 20%
- Created the front-end infrastructure (HTML5, CSS3, Javascript)

Events Manager - Design Eng. Society Committee   2018 - present
- Managed and organised over 25 successful events
- Networked with the Design Museum, Autodesk, Dyson

EXTRACURRICULAR ACTIVITIES

McKinsey & Company, London - Consulting
- Worked shadowed for web UX/UI design

AYS, London – Hospitality

Tutoring, London/Barcelona - Maths, Physics, Spanish, Art
- Taught 20+ students from all ages.

Talita Foundation, Barcelona - Volunteer
- Taught 100+ cooking lessons for people with down syndrome

PERSONAL INTERESTS

Running   Hiking   Surfing   Yoga   Skiing