

Emma de Cocker

Interaction Designer • Mechanical Engineer

“Eager to take on new challenges and dive into the unknown, I am an enthusiastic and open-minded design engineer who wants to dedicate her skills, knowledge and energy to develop innovative solutions for users in need.”






INFO

-  24 years old, French
-  Korvezeestraat 440, 2628DV
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EDUCATION

- 02/21 - NOW **MSc Design for Interaction** | Delft University of Technology (DUT)
Studying industrial design with a focus on user perspective and experience when interacting with products, services and systems
- 10/16 - 06/20 **MSc Mechanical Engineering** | Imperial College London (ICL)
Graduated with First Class Honours, with exchange year at DUT
- 09/13 - 06/16 **French Baccalaureate** | Lycée Français du Caire
Scientific specialisation, First Class Honours (“Mention Très Bien”)

LANGUAGES

- French**
Mother tongue 
- English**
Bilingual 
- Spanish**
Fluent 
- Arabic**
Basic 
- Dutch**
Basic 

PROFESSIONAL EXPERIENCE

- 07/22 - 08/22 **Flight Case course participant** | Singapore
Completion of consultancy design cases at IBM, P&G and HP head quarters in Singapore with research and design implementation phases
- 10/20 - 01/21 **R&D Junior Engineer** | Ciel et Terre, Villeneuve d’Ascq (France)
Mission: design and prototype panel fixation systems
Other responsibilities: technical documents (CAD), task automation tool
- 08/18 - 10/18 **Intern** | Dassault Aviation, Mérignac (France)
Mission: project feedback and technical process reliability assessment
Other responsibilities: cross-departmental research, Excel macros

SKILLS

- DESIGN**
 - Design Thinking
 - User Research
 - Context Mapping
 - Data Analysis & Visualisation
 - Prototyping
 - UX & UI Design
 - Adobe pack
- SOFT SKILLS**
 - Communication
 - Teamwork
 - Leadership
 - Adaptability
 - Planning
- ENGINEERING**
 - Project Management
 - Risk analysis
 - Advanced Excel
 - SolidWorks & Fusion 360
 - Matlab & LaTeX

PROJECTS & ACCOMPLISHMENTS

- 09/22 - NOW **Dfi Master’s Thesis** | Industrial Design Engineering, DUT
Design and make a serious game to engage young girls in STEM education from a low-resource setting context in Lamu, Kenya
- 02/21 - 06/21 **Smart kitchen** | Interactive Technology Design, DUT
Design of a kitchen counter with an interactive AI-embedded interface which supports the user in adopting a sustainable eating life style
- 02/21 - 06/21 **Raceclocker** | User Experience Design, DUT
Assesment and re-design of the Raceclocker app to improve the user interface and enhance the user experience in manually timing sports races
- 10/19 - 06/20 **MechEng Master’s Thesis** | Mechanical Engineering, DUT
Elaboration of an algorithm for modelling polymer particle distribution in 3D with the objective of recycling plastics using artificial intelligence
- 10/18 - 06/19 **Casualty extraction robot** | Design, Make and Test, ICL
Design, manufacture and test a robot assisting rescue teams in dangerous situations. Nominated and presented at the 2019 IROS in Macau.

HOBBIES

- Sports**

- Music**

- Culture**

- Creative activities**


SOCIAL EXPERIENCE

- 09/22 - NOW **Chair of the Social Impact Design club** | Industrial Design Engineering, DUT
- 10/16 - NOW **Private tutor** | London, The Hague, Delft
- 01/22 - 01/23 **Teaching Assistant** | Industrial Design Engineering, DUT
- 08/20 - 09/20 **Volunteer with Utopia 56 for refugees** | Calais, France
- 07/17 - 08/18 **Treasurer Global Brigades society** | Imperial College London
- 08/17 - 09/17 **Volunteer with Global Brigades** | Honduras
- 09/15 - 06/16 **MUN General Secretary** | Lycée Français du Caire, Egypt