

jemima bradley

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EDUCATION

Imperial College London - MEng Design Engineering

2018 - Present

Key modules include Maths, Mechanics, Mechatronics, Computing, Design, Big Data and Robotics

Currently hold positions in Design Engineering Society (Operations Manager and Secretary) and K Pop Society (Cover Director and Videography)

Notting Hill and Ealing High School

2012 - 2018

A Level Maths, Further Maths, Physics, Biology (A*AAB)

FSMQ, 5 IGCSE's, 5 GCSEs (all A*)

EXPERIENCE

Dreamteam Merchandising Project - Commercial Lead

July 2020 - Present

Lead role on a merchandising project to produce **high-tech Imperial branded COVID-19 masks** for students

Worked **collaboratively** to **iteratively design** visual features in accordance with the client's **brand identity and values** without explicit association, and evoke a sense of community and togetherness amongst wearers

Led **logistics, supply chain, quality control**, and **correspondence and direction** for our Comms team to promote project on social media and other outlets for initial launch, and **differentiate** in a crowded market

Currently leading the set up of online delivery ahead of a second stock order due to high customer demand

The Washing Machine Project - Design Engineering Internship

July - September 2020

Nine week solo design sprint for a **design concept** and **prototype** of a off-grid mechanical washing machine for use in Iraqi refugee camps

Use of **Humanitarian design principles** combined with **Blue Sky** and design thinking techniques to create **user centred design** concepts focusing on metrics found from previous in person research

Completion of two concept **prototypes** and detailed **CAD models** with BOM, manufacture and costing details

FireTech - Technical Tutor

March 2020 - Present

Tutor for students ages 8 - 17 in technical courses such as **Python**, **AR/VR**, and **Creative Digital Design**

Remotely run courses via Zoom, requiring a **level-headed approach** to issues, the ability to maintain a working atmosphere, and **adaptability** to courses written to be taught in person

Through gaining a more thorough understanding of the content I have taught, my **communication of concepts** for different learning styles has improved

SKILLS

Adobe Illustrator	◆◆◆◆
CAD (Solidworks, Fusion)	◆◆◆◆
Python	◆◆◆◆
Adobe Premiere Pro	◆◆◆◆
Adobe After Effects	◆◆◆◆
Prototyping	◆◆◆◆
Matlab	◆◆◆◆
LaTeX	◆◆◆◆
CSS, HTML	◆◆◆◆
Wireframing (Figma)	◆◆◆◆

References available on request

LEADERSHIP

Dance Projects

March 2018 - Present

Lead through rehearsals, performance, and visualisation on several group projects with different teams of up to eight members

Focus on **team work** through rehearsals, **teaching** choreography, and constant **attention to detail** to maintain high quality

Videographer and editor for K Pop Society projects

Assistant Head Gymnastics Coach

2015 - 2019

Volunteer teaching general gymnastics to children aged 4 - 13

Role model to both students and fellow coaches, using **leadership, communication**, and **delegation** to run classes of 30+ students and 5+ coaches