ANNA BERNBAUM

anna@bernbaum.co.uk | www.annabernbaum.com

As a recent graduate of Design Engineering at Imperial College London, I am looking for a role as part of a thriving, innovative company. I am a pragmatic, tenacious team member and creative problem solver, looking to stretch myself further. Complete portfolio available at www.annabernbaum.com.

EDUCATION

Imperial College London - MEng Design Engineering   2015-2019

- o Graduated with First Class Honours and awarded a place on the Faculty of Engineering Dean's List Award, for students in the top 10% of the cohort
- o Key modules include Mechanics, Materials, Computing, Mechatronics, Design, Robotics and Big Data
- o Held positions in Design Engineering Society and as Departmental Academic Representative
- o Participated in Hexagon, a UX mentorship scheme run by Google employees

Haberdashers' Askes School for Girls   2008-2015

- o A-Levels: Mathematics (A*), Design and Technology (A*), Physics (A), Geography AS (A)
- o Awarded an Arkwright Engineering scholarship (2013-2015)

EXPERIENCE

Smart Design: Design Engineering Intern, New York, USA   September 2019 – Present

- o Working within the Engineering and Technology teams, translating user observations into actionable insights through data analysis
- o Designing and modelling parts physical parts while prototyping electronic aspects of early stage client projects

Dyson, Research, Design and Development Intern, UK   April – September 2018

- o Designed and prototyped components for manufacture by injection moulding within the Robotic Vacuums team
- o Completed rigorous testing and experimental work to interrogate new concepts
- o Implemented microcontroller knowledge to produce an innovative test method

Imperial College: Undergraduate Researcher, London, UK   June – September 2017

- o Researched, manufactured and tested the energy absorbing properties of metal lattice structures for use in protective equipment
- o Modelling was carried out using FEA and the samples then manufactured via 3D printing and electroplating

AWARDS

- o National runner up in the James Dyson Award for final year solo project, Afflo, an AI-enabled asthma monitor (2019)
- o Founder and CEO of Clickr, Semi-Finalist of WE Innovate, an early stage start-up accelerator (2018-19)
- o Two-time winner of the Design Engineering Selected Innovation Reward (DESIRE) for the design of a spirometer and wearable asthma monitor (June 2017, 2019)
- o Awarded 2nd place in Gillette's RZR MKR competition to design and 3D print a new razor handle. Subsequently, my design was purchased by Gillette (August 2016)

References available on request

SKILLS

CAD (SolidWorks, NX, Fusion)	●●●●
Adobe InDesign	●●●●
Rapid Prototyping	●●●●
Arduino, Raspberry Pi	●●●○
FEA	●●●○
Python	●●●○
MATLAB	●●●○
Sketch	●●●○
Adobe Illustrator	●●●○
Adobe XD	●●○○
CSS, HTML	●●○○