

Guy Solan

Design Engineer

Overview

I am a 2nd year student of the Dyson School of Design Engineering at Imperial College London and founder of Thetis Medical Ltd. I develop concepts and make them real using a combination of visual, programming, engineering and prototyping skills.

Education

Imperial College London 2019 - 2023
Design Engineering (2nd year)

Key Modules include: Sustainable Design, Industrial Design, Gizmo, Production and Materials, Mechanics, Computing.

Royal Grammar School Guildford 2011 - 2017

A-levels

- 3 A*s (Maths, Physics, Product Design).

GCSEs

- 10 A*s (inc. Chemistry, Biology, Geography, English).

Employment

Thetis Medical
Designer and Entrepreneur

A medical technologies company I founded which will launch a patent-pending Achilles Rupture Night Splint in July 2021.

As well as iterative prototyping, user testing and product design my work included upholding MDR and FDA standards; instruction and packaging design; IP draughtsmanship; and economic management.

White Horse Hascombe 2016 - 2017
Waiting and Bartending

The Accidentals 2014 - 2017
Freelance drummer

Seaview Yacht Club 2015 - 2016
Sailing instructor

Acomplishments

EDT Headstart - Winner of Disaster Response Challenge 2016
Dingy Instructor Qualification 2015
SATRO Problem Solving Challenge 2015
Drums - Grade 8 Merit 2014

Contact

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👤 References available on request

Skills

Visual

Keyshot 10 (Render)
Adobe CC (Graphics)
- Illustrator
- InDesign
- Photoshop
- Lightroom

Engineering

Solidworks
Fusion 360
SW Simulations
- FEA
- CFD

Prototyping

3D Printing
Arduino
ESP
Fabrication

Programming

Python
C++
Matlab
HTML
CSS
Javascript

Hobbies

Skiing, Sailing, Rugby, Drums