

# Guy Solan

## Design Engineer

### Overview

I am a 2<sup>nd</sup> 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** Dean's List Top 10% of Class (avg. 77%).

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  
Adobe CC  
- Illustrator  
- InDesign  
- Photoshop  
- Lightroom  
Figma

#### Engineering

Solidworks  
Fusion 360  
SW Simulations  
- FEA  
- CFD

#### Prototyping

3D Printing  
Arduino  
ESP  
Fabrication

#### Programming

Python  
C++  
Matlab  
HTML  
CSS  
Javascript  
Node JS  
SQL

### Hobbies

Skiing, Sailing, Rugby, Drums