

# Guy Solan | Design Engineer

## Contact

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## 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

**Design Engineering** | Dean's List Top 10% of Class (avg. 77%).

2019 - 2023

Key Modules include: Industrial Design, Gizmo, Robotics, 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

**Designer and Entrepreneur** | Thetis Medical Ltd

2020 - Present

**Achilles Rupture Splints** - I founded this company in June 2020 and will bring two products to market in November 2021. Alongside iterative prototyping, user testing and product design my work included FEA, web development and upholding medical standards.

**Pain Diary** - A full stack Node JS backend web app to replace an NHS paper form. It uses a MySQL database and REDIS to record patient pain scores and send email/SMS reminders.

**Waiting and Bartending** | White Horse Hascombe

2015 - 2017

**Sailing instructor** | Seaview Yacht Club

2014 - 2016

## Acomplishments

EDT Headstart - Winner of Disaster Response Challenge

2016

Dingy Instructor Qualification

2015

SATRO Problem Solving Challenge

2015

Drums - Grade 8 Merit

2014

## Skills

**Visual** | Keyshot 10, Adobe CC (Illustrator, InDesign, XD, Photoshop, Lightroom), Figma

**Engineering** | Solidworks, Fusion 360, onShape, CFD, FEA

**Prototyping** | 3D Printing, Arduino, ESP, Fabrication

**Programming** | Python, C++, Matlab, Javascript, Node JS, SQL, HTML, CSS

## Hobbies

Skiing, Sailing, Rugby, Drums