Arkwright updates

horizontal line

Personal email:

[evan.symonds@gmail.com](mailto:evan.symonds@gmail.com)

Evan Symonds

Arkwright ID: 20849

Engineering Interests:

I am still very interested in pursuing a career in aerospace engineering, as I believe that it poses some of the greatest engineering challenges that we will need to overcome because it desperately needs to adapt to become more sustainable. In addition, I have also recently looked into the energy sector, more specifically renewables, as a possible career path, and that is currently my second choice.

A-levels:

The same options as before:

A-level Maths

A-level Further Maths

A-level Physics

A-level Product Design

Awards and Achievements:

Since writing my Arkwright application, I have participated in this year’s national Junior Maths Challenge, and received the gold category, which is my highest score yet. Furthermore, I fully completed my engineering coursework in January, and spent the extra lesson time helping others to complete theirs. Also, I have recently been teaching myself a whole different form of programming: website design, specifically client side design, server side, and SQL databases. I managed to deploy a fully functional test website written with a JavaScript front and back end. This knowledge will assist other projects that I will do, and will enable me to take on new engineering challenges in the increasingly digital world. Finally, I have decided to use this period of social distancing in order to work on my current project of hydrogen storage. Recently, I have been reading papers such as one from the Journal of Materials Chemistry which state that ammonia may be a good method of storing hydrogen. Therefore I have designed and plan to make a hydrogen generator and an ammonia reactor, so I can test the viability of ammonia for myself.