Ben Birtwistle

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| Form\_id: | 194 |
| Form\_date: | 12/09/2020 16:35 |
| Matriculation-number: | 2455359 |
| Degree-subject: | Aeronautical Engineering |
| Study-year: | 1 |
| Degree-type: | BEng |
| GPA: | nan |
| Option-1: | Aerodynamics |
| Option-2: | Chassis |
| Hear-about: | Online and from people I've spoken to about university |
| Applied-before: | No |

## Experience

• F1 in Schools Design and Engineering Manager for Monifieth in 2017 and 2019, on both occasions I designed Scotland’s fastest car in the UK Finals for the Development and Professional Classes respectively.  
  
• I ran a motorsport blog for 5 years about the technical aspects of the sport, in January 2017, aged 14, I was invited to an interview with Autosport regarding the possibility of joining their academy where they expressed an interest of bringing me into the writing team in future.

## Why-join

• I first heard about Formula Student about 5 years ago, and it has always been something I have wanted to get involved in.  
  
• All my life I have wanted to work in motorsport, I can’t think of anywhere else that is so rewarding of innovation. I feel this is the perfect way to get involved while at University.   
  
• I would love to be part of a team of likeminded people, who share a passion for racing, while working together towards the common goal.

## Helpful-application

• I am experienced with Fusion 360, Inventor and AutoCAD which I have used to design parts for F1 in Schools.  
  
• I am experienced with 3D printing, having purchased a 3D printer with the money I received from my Arkwright Engineering Scholarship I received. I have also worked with SLA and SLS printers I sourced for F1 in Schools.  
  
• I have spent a lot of time working with CFD software, Autodesk Flow Design, to obtain drag coefficient data to continually evaluate and improve my F1 part designs.

## Interview-times

I can do any time at weekends, or any day after 2pm other than Tuesday during the week.