Bartholomeus (Bartho) Harmse

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| Form\_id: | 162 |
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| Matriculation-number: | 2470971 |
| Degree-subject: | Aerospace Systems Eng |
| Study-year: | 3 |
| Degree-type: | Bachelors of Engineering |
| GPA: | nan |
| Option-1: | Aerodynamics |
| Option-2: | Unsprung Mass |
| Hear-about: | My brother used to be part of UGR (Martin Harmse), and one of my classmates (Callum Wilson I believe) is on the team. |
| Applied-before: | No |

## Experience

I have extensive technical and mechanical knowledge regarding automobiles. My most proficient skills are engine building (gasoline), suspension/drive-train repair and modification, electrical wiring, and recently metal fabrication (welding and forming). I also have a very good understanding of aerodynamics and the essential role they play, acquired mostly through my pilot's training, but also now my degree path. I am also proficient enough in Solidworks to model these understandings.

## Why-join

I have a immense passion for working on automobiles. Being away from home I would like to continue living my passion and UGR can provide me that opportunity. It will also be a good opportunity for me to learn new technologies outside my current field of knowledge, expand my current field of expertise, whilst also building teamwork skills and management strategies -all valuable being assets in the industry of my current aerospace career path, as well as in my workshop back home.

## Helpful-application

I've acquired these skills and experience by restoring classic and vintage cars throughout high school. Since then I've started a private workshop where I do this semi-professionally to help fund my studies here overseas as well as my other hobbies, this has also taught me valuable management skills. I have recently created a youtube channel - 'Namib Automotive' - where I feature some of my work, it can serve as an extension of my portfolio (included in my CV) if required.

## Interview-times

Still stuck in my home country, hopefully middle of October.