

# VORN

Vorn is known for its smart shirt capable of measuring several physiological parameters. They have recently also started to add and use IMU data for movement detection and classification. With the long term goal in mind to help judges be more objective in the assessment of freestyle skiing jumps and engage with fans in that sport. VORN wanted to get a better understanding of what information could generally be extracted from their IMU sensors placed on torso and limbs.

The group of students had to get their heads around filtering and adjusting the data before they were able to visualize a jumping stickman using the IMU data.

This was quite an achievement and the group has been selected by the jury to have realized the best solution to their challenge.

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## Jump Detection

