TECHNOLOGIES FOR FREERIDE

The project brings more joy and safety to the world of freeride and ski-touring using unique technology and neural network.

SkiFi is a credit card-sized device that the user installs on their skis. Includes a magnetometer, gyroscope and accelerometer. Using the data from these sensors, it helps the user to improve their skiing technique when skiing in open terrain, which is further divided into Uphill and Downhill skicoaching. The SkiFi also functions as an electronic lock to protect the ski from theft. Last but not least, the SkiFi serves as a locator if the user's skis come loose in a fall and end up under the snow. The app makes it easy to find.

Unique selling points:

- Uphill Skicoaching improves the ascent technique and saves the skier's energy.
- Downhill Skicoaching reduces the additional load on the downhill slope and contributes to safety.
- It serves as an electronic lock and protection against theft.
- The ski search finds the lost ski under the snow.

Product

Sports equipment and applications

Technology readiness

Development

Proof of concept

Prototype

▶ First implementation

Extensive implementation

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