

Hello skier/snowboarder,

I am in search of an ambitious, entrepreneurial mechanical engineering summer intern who has a passion for skiing/snowboarding.

Over the past few years, while you were dreaming of snow and flying down the slopes, my business partner and I have been working on Faux Snow, an experimental surface built for skiing and snowboarding in any climate.

Simply put, Faux Snow combines the consistent texture of synthetic turf with the rolling properties of oval beads to provide a surface that allows skis and boards to slide and cut down hills. Naturally, there is much more to it than that, given all the variables of slope, gravity, and changing conditions. Nevertheless, results thus far have been encouraging.

I am at the point now where I am in need of a project manager. This person would be responsible for taking the next steps in realizing this dream and being at the forefront of the evolution of "southern skiing". After all, if Liberty Mountain in VA can create year-round skiing, so can we! The testing hill that I have my eye on is off I-40 in Durham. I am in negotiations with a synthetic turf producer.

To add, there would be two "defined" ME projects we'd be looking to develop:

1. A reel style rotary mower that automatically adjusts its height according to the slope of a plane. For example, at a zero degree plane, the mower would cut to ¼" height, but at a 20 degree plane the mower would cut at a 2" height.
2. Develop a vacuum/filtering device that could collect 6mm pellets from the ground. It would have to be strong enough to pick up these pellets and then filter unneeded dirt, etc. and then ultimately produce clean pellets for re-use.

So if you are or know a mechanical engineer who enjoys outdoor work, outlandish goals and are motivated to make a difference in the world of skiing, please contact me at hank.jones@21centurycreations.com and we can talk.

Thanks,

Hank Jones

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President

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