

About Us

EldSuit Innovations is working on the next generation technological tool for mobility. At a price we are hoping is doable for under \$3500 (want to get closer to the \$1k price point), we want to have an open-sourced DIY exoskeleton kit that one can 3D Print or even CNC.

Mission and Vision

First off, we are for the ethical use of technology. We believe that having such a bio-mechanical piece of technology can allow for great benefits to humanity in an ethical way.

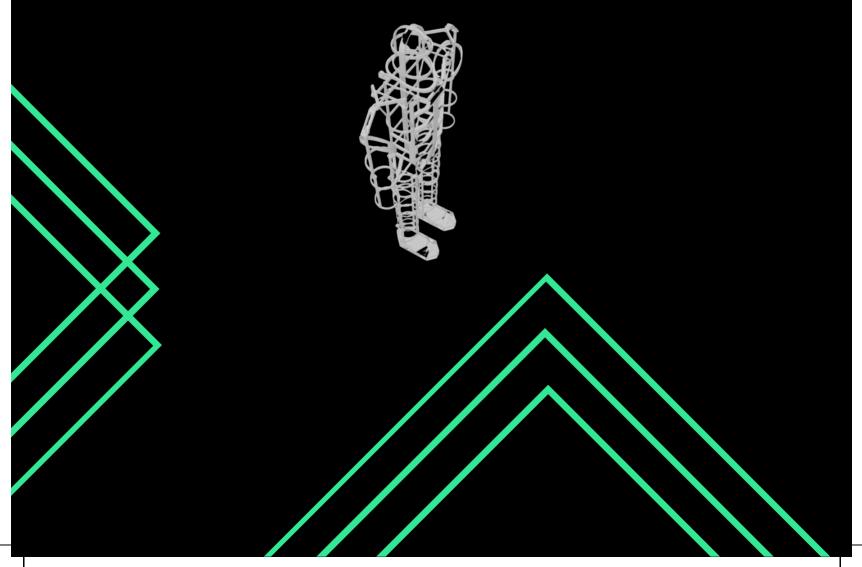
We noticed many people in nursing or retirement homes don't have much mobility or have noticeably weak joints. This is because many of their muscles no longer work as good as they used to and they have a variety of skeletal problems. We decided to change this. Meet EldSuit's own exosuit (exoskeleton), the wearable robot to meet your transporation and mobility needs. This exoskeleton kit aims on being relatively cheap, and the fact we want this open sourced means it is a piece of innovation "available to the masses"

Consumer Discovery

Why we came up with this, and our interview process...

Having visited nursing homes before or seeing what has been going on as people reach that "certain age of retirement", the number one thing I hear is "They aren't as active as they used to be". The fact is just for simple things sometimes such as walking, going to the restroom, etc. requires nurse assistance, and that is okay.

However, in the 21st century, technology must be better then this. This is why I created what I created. Going online, I noticed some competition, but none of them are open source or can bring the costs down enough to an affordable price point. People may be willing to pay \$3.5k for this, but well over \$60k or sometimes even past two hundred grand is unfeasible to most people.



Why Now?

We are reaching a critical point

Mobility is one of the most crucial problems facing many living in retirement or nursing homes

If you can find a way to build something like this, or contribute to the design, development, and "R&D" of this project, wouldn't you? This is why an imitative such as this one is quite important.