

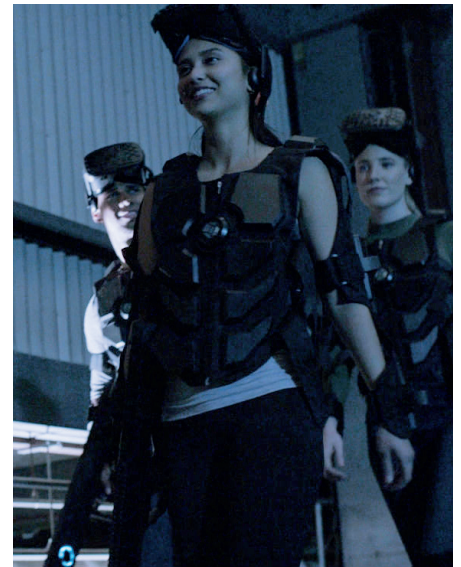
SHAPEWAYS ×  **SPACES**

3D PRINTING VIRTUAL REALITY PRODUCTS



THE NEED TO PRINT DURABLE VIRTUAL REALITY PRODUCTS

Experimenting with virtual reality is an exciting—and somewhat unnerving—process. It often requires much trial and error, which is precisely why the team at [Spaces](#) needed to find a final stage prototyping process to aid them. That's where Shapeways stepped in. Spaces loved Shapeways' dimensional accuracy and durability and has used 3D printing ever since first discovering the company.



SHAPEWAYS: WHY IS IT BENEFICIAL TO PRINT WITH SHAPEWAYS OVER TRADITIONAL MANUFACTURING METHODS SUCH AS INJECTION MOLDING?

Spaces: We are constantly inventing and iterating, most of the time under very tight time constraints. Using 3D printing allowed us to make parts that broke some rules and to make changes to parts quickly. Shapeways helped us create parts that could not be manufactured through conventional injection molding. Undercuts are a major concern with any tooling for injection molding and create a lot of extra work to get parts made.

WHY DO YOU PRINT WITH SHAPEWAYS VERSUS DESKTOP 3D PRINTING?

The quality and quantity of the Shapeways parts we print are the main benefits. For the most part, desktop printing does not produce the same quality and resolution. Also, most desktop printers can be unreliable, which is something we cannot take a chance with when printing large quantities of parts for



our installations. Most of our parts are conceived using desktop printing methods and then turned over to Shapeways for printing en masse.

WHICH IS YOUR MOST USED MATERIAL?

Our most used material is professional plastic because it gives us acceptable resolution and is durable.

WHAT ARE THE ADDED BENEFITS OF USING SHAPEWAYS?

I have been impressed with the customer service. Personal attention is very important when we are working against tight deadlines.

