

Parametric Product Design with Tessellation

With recent developments in visual product configuration its now possible to create online configurators and design tools for all types of e-commerce and customer portals. Together with the power of parametric CAD it can enable mass customization when enabling untrained users to customize products before purchase with easy to use online tools.

But are products of today designed to take advantage of this flexibility? And what are good practices to solve with algorithms, such as Tessellation.

This is what we at SkyMaker AB would like to explore further in a master thesis together with you.

Together with our cloud service DynaMaker that is made for Parametric Product Customization we are looking for two students with product design backgrounds that want to explore how products have been using algorithms in the past, and come up with a concept product that showcases the capabilities of incorporating the possibilities with Tessellation.

Does this sound interesting? Please send your CV:s and a short description of why you are interested in this type of master thesis to exjobb@skymaker.se

#parametric-design, #mass-customization, #algorithms, #visual-configuration,
#design-automation, #tesselation, #voronoi



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