

Digikala Flagship Store: A Physical Prototype for the Future of Online Retail

Digikala's first flagship store reimagines online retail as a physical and immersive spatial experience: a 400 m² prototype where portals, interactive environments, and a continuous spiral transforms passive browsing into active participation.

Epicycloid Blossom: A Parametric Lighting Piece Shaped by Geometry, Python, and AI-Assisted Design

Epicycloid Blossom is a digitally developed sculptural lighting piece generated from the mathematical behavior of the epicycloid curve. Although the piece was not physically fabricated, the project reached full production-ready documentation and stands as a refined example of AI-assisted parametric design.

Silverback Grizzly 21 LE: Data-Driven Design for Law Enforcement on the Water

A high-performance patrol vessel designed with Petestep's Spray Deflector Technology and refined through Rhino and Orca3D Marine CFD. The Silverback Grizzly 21 LE sets a new benchmark for speed, efficiency, and crew comfort in law enforcement marine craft.

The Peanut Bench: Free-Form Coopering on a CNC Robot

The Peanut Bench reimagines the traditional coopering technique through computational design. Using Rhino, Grasshopper, and CNC machining, Stephen Thrasher crafted a free-form wooden bench that bridges craftsmanship and digital fabrication.

The Brick Screen: A Parametric Reinterpretation

of the Traditional Jali

The Brick Screen, designed by Muhammad Talha Muftee and Shaikh Abdul Basit for the Arts Council of Pakistan Karachi, reimagines the traditional jali through parametric design. Using Grasshopper, the architects combined local masonry craft and digital precision to create an environmentally responsive brick façade that has set a new precedent for computational design in Pakistan.

Parametric Sculptures for PUMA: Digital Precision in Antofagasta

A pair of monumental parametric pumas, installed at PUMA's Antofagasta store, showcases how digital design, CNC fabrication, and meticulous layering can transform feline anatomy into striking sculptural forms.

Adaptive Fashion: Designing with Body Data

Adaptive Fashion is a design research project by Laura Civetti that transforms body data into generative garment patterns using Rhino and Grasshopper. By translating information such

as posture, curvature, and stress zones into computational rules, the project prototypes adaptive clothing systems with 3D printing, paving the way for highly personalized, high-performance fashion.

Navatu: Redefining the Waterslide Experience

From zero-gravity drops to underwater views, Navatu redefines the waterslide with a manta-inspired design shaped in Rhino and recognized with the IAAPA Brass Ring Award.

Del Rio Skate Garden: Where Skateboarding Meets Ecology

The Del Rio Skate Garden in Texas is the world's first municipal skate garden, merging flowing concrete terrain with native desert ecology. Designed and built by skateECOSYSTEMS using Rhino 8, it redefines the skatepark as both civic artwork and living landscape.

A Sculptural Table for ETT's Sala Demo

Architect Valentina Serando designed a sculptural glass and resin table for ETT's Sala Demo in Genoa, using Rhino SubD to translate fluid, organic forms into a precise, manufacturable object. The result is a centerpiece that fuses technology, craft, and design in a dynamic dialogue with space and light.