

# **Parametric Craftsmanship: Digital Workflows and Jewelry Fabrication at IXU Design**

At IXU Design, computational design meets traditional jewelry craftsmanship. Using Rhino and Grasshopper, complex parametric geometries are translated into precise physical pieces through casting, advanced materials, and meticulous hand finishing.

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## **Squama: Technique as a Generative System in Body Jewelry**

Squama explores how fabrication technique can operate as a generative design system, transforming flat silver into a responsive body landscape through parametric kerf bending.

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## **The Evolution Collection by Naman Choudhary: Parametric Jewelry as a Reflection of**

# Identity

In The Evolution Collection, Naman Choudhary harnesses parametric design to craft intricate jewelry pieces that symbolize personal growth and transformation. By blending digital precision with traditional craftsmanship, the collection showcases the potential of computational tools in contemporary jewelry design.

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## Crafting Stories in Jewelry: Ana Rubio's Approach to Digital and Handcrafted Design

Ana Rubio blends traditional craftsmanship with modern technology, using Rhinoceros 3D to create jewelry that tells unique stories through natural, geometric, and symbolic designs.

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## Alejandra Alfaro's CAD to Casting Journey at Milano

# Jewelry Week

Discover how Alejandra Alfaro's innovative use of CAD and digital fabrication techniques led her to win the prestigious Artistar Jewels Network Award at Milano Jewelry Week 2024. Her striking silver rings, crafted without traditional molds, perfectly blend artistry and technology, pushing the boundaries of modern jewelry design.

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## Jewelry Design Challenge at Tec de Monterrey

This jewelry design project involved creating a three-piece silver jewelry collection, enabling students to develop a Grasshopper definition for infinite iterations and showcasing their creative and interdisciplinary skills in contemporary design education.

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## The Barcelona Collection: a Fusion of Technology & Tradition in Spanish Jewelry

Chesco Díaz was inspired by Barcelona's architecture to create a unique jewelry line. Using his expertise in 3D modeling, he designed intricate pieces that capture the city's charm.

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# **Triangulation: 3D Printed Parametric Jewelry & Accessories**

Triangulation boldly explores new frontiers in fashion by blending architectural aesthetics with cutting-edge design technology. Utilizing Rhino and Grasshopper, AI-generated designs are brought to life through 3D printing.