Designer

Oksana Gritcai

As a designer with diverse skills, I have worked on various projects, providing end-to-end solutions and support to clients. My expertise includes full-cycle product development, leading R&D teams, collaborating with cross-functional teams on projects of all sizes on value-based priorities, as well as creating virtual reality tools and designing customized interfaces to boost sales. My passion for R&D stems from my training as an architectural designer, and it continues to inspire me in my work.

Skills

Software: Rhinoceros 3d, Grasshopper 3d, Adobe Creative Suite, Unreal Engine 5, Twinmotion, Enscape, Maya 3d, AutoCAD, Revit

Industry Knowledge: Architecture, Product design ,3d modeling, parametric design, sheet metal manufacturing, acoustical architectural products design, 3D printing, CNC milling.

Awards

2010 Competition winner for "Solar Attached House" project in 7th National Russian Research Youth School, Moscow, Russia

2009 Fourth place for "Acapulco Green Tower" in the International Competition, Acapulco, Mexico

2009 Exceptional project for "Attached Solar House" in 17th Specialized Exhibition of "Construction", Vladivostok, Russia

2008 Competition winner for "Solar school" in 6th National Russian Research Youth School in renewable energy division Moscow, Russia

Education & Certification

2018 Art Directing Multidisciplinary teams, Art Center

2014 Master of Design Research Studies (Emerging Systems, Technologies & Media Post Professional Program), Southern California Institute of Architecture (SCI-Arc), Los-Angeles, US

2011 Bachelor of Architectural Design, State University, Vladivostok, Russia

Publications and Patents

Gritcai O. (2010). Solar Attached Houses. Renewable Energy, volume I (IBSN- 976-5-91304-048-9), p. 122-125.
Gritcai O. (2008). Solar School. Renewable Energy, volume I (IBSN- 978-5-91304-066-4), p. 109-111.
Kazantsev P.A., Gritcai O. (2008). Solar Attached Houses, Solar School, Acapulco Eco tower. Basics of Environmental Architecture and Design. (ISBN 978-5-7596-0901-8), p.41, 65, 74
Modular Dynamic Acoustical Ceiling Panel. Patent No US 11,692,345 B2

Experience

April 2019 – Present
Senior Project Designer / Computational Designer

Arktura, Los Angeles, CA

- Designed complex architectural products from concept to execution which led to novel interior and exterior solutions;
- Created tailor-made interfaces for the Sales and Design departments, resulting in a 17% decrease in time and cost for product packaging, layout, and estimation drawings;
- Created project proposals that showcase clear communication, a keen eye for design, and a solid grasp of technical possibilities.

December 2014 – March 2019
Staff Designer

USG/Ceilings Plus, Los Angeles, CA

- Successfully created designs in collaboration with architects that have resulted in significant projects for the company, including airports, museums, mixed-used ;
- Developed unique interior and exterior designs using parametric and advanced 3D modeling techniques;
- Developed computational tools to execute complex exterior and interior projects;
- Led and collaborated with a cross-functional team of designers, engineers, fabricators, sales, and architects on product design, development, and marketing;
- Created Virtual reality case studies using 3d+VR rendering software including different interior/exterior scenarios with integrated USG products.

June 2010 – May 2011
Associate Architect

V.Korolev Architects, Vladivostok, Russia

- Conceptualized prefabricated wooden single-family houses designed for the harsh climate of Russia's Eastern seaboard areas;
- Worked with a small group of architects to take advantage of unique wooden construction materials, which were well adapted to the moist environmental conditions.