

KIRIL ORLOV

Senior Play Space & Industrial Designer

Email: okgorlov@gmail.com | Phone: +359 879834190 | Location: Nessebar, Bulgaria (EU Resident | Eligible for B2B contracts / Remote)

Portfolio: [behance.net/cyrrillorlov](https://www.behance.net/cyrrillorlov)

LANGUAGES

- **English:** Upper-Intermediate (B2 / Effective working proficiency)
- **Russian:** Native | **Bulgarian:** Basic

PROFESSIONAL SUMMARY

A highly accomplished Senior Industrial Designer specializing in the concept development and spatial design of premium commercial playgrounds, themed environments, and urban public spaces. Expert in transforming 2D architectural layouts (DWG) into high-fidelity, visually stunning, and scale-accurate 3D design concepts. Uniquely combines an advanced background in automotive-grade Class-A surfacing and human ergonomics with strict compliance to European safety standards (DIN EN1176). Proven track record in designing high-impact landmark structures for public tenders, municipal parks, and major corporate clients.

CORE COMPETENCIES

- **Concept & Spatial Design:** Play Space Infrastructure, Themed Play Structures, Volumetric Layouts, Urban Furniture, Ergonomics & Play Value.
- **Design Compliance:** Designing within DIN EN1176 Safety Regulations (Fall zones, impact areas, and basic safety clearances).
- **3D Modeling & Visualization:** Advanced Hard-Surface Modeling, Class-A Surfacing, Photorealistic Rendering, Post-production.
- **Software:** Autodesk Fusion360 (Solid-body modeling for design intent), Blender (Polygonal modeling & visualization), Adobe Photoshop.

SELECTED PROJECTS

- **Brussels Airport Airplane Playground:** Conceptualized and designed an iconic themed airplane structure, serving as the landmark play zone for the airport. [behance.net/cyrrillorlov/Bespoke Wooden Airplane](https://www.behance.net/cyrrillorlov/Bespoke-Wooden-Airplane)
- **Plovdiv Zoo Inclusive Play Hub (Bulgaria):** Designed a massive municipal play infrastructure from 2D DWG blueprints for a public tender. Developed the complex 3D geometry for a stainless steel spiral slide and multi-level tower structures, ensuring the design concept strictly aligned with EN1176 safety envelopes before hand-off to production engineering. [behance.net/cyrrillorlov/Plovdiv-Zoo-Inclusive-Play-Infrastructure](https://www.behance.net/cyrrillorlov/Plovdiv-Zoo-Inclusive-Play-Infrastructure)
- **"Deutscher Kleiner Zug" Play Train (Germany):** Transformed an artistic 2D sketch into a modular 20-meter themed play train concept. Optimized the spatial layout within a strict 20x10 m footprint, preparing the visual and volumetric design for CNC timber manufacturing. [behance.net/cyrrillorlov/Kleiner-Zug-\(DKZ\)-Custom-Train](https://www.behance.net/cyrrillorlov/Kleiner-Zug-(DKZ)-Custom-Train)
- **Formula 1 Theme Play Structure:** Conceptualized and designed a landmark themed playground, merging sports car styling and ergonomics with certified outdoor timber architecture. [behance.net/cyrrillorlov/Formula-1](https://www.behance.net/cyrrillorlov/Formula-1)

PROFESSIONAL EXPERIENCE

Lead 3D Designer & Engineer | Torosplay, Burgas, Bulgaria

Nov 2025 – Present

- Design and project bespoke commercial playgrounds and individual play assets from initial concept to high-fidelity 3D models.
- Translate 2D architectural masterplans into immersive 3D play environments, balancing play value, aesthetics, and spatial constraints.
- Apply EN1176 safety standards during the design phase (safety zones, heights, entrapment hazards) to deliver validated design concepts to the engineering and fabrication teams.

Senior 3D Modeler & Environment Artist | Gaya Simulations, Tel Aviv, Israel (Remote)

2024 – Jul-Dec

- Developed high-fidelity 3D environmental assets and environment design for Microsoft Flight Simulator 2024 under strict accuracy and optimization guidelines.

Freelance 3D Modeler & Product Designer | Self-Employed, Burgas, Bulgaria

2022 – 2024

- Executed contract-based 3D modeling, industrial design and visualizations for international clients.

Editorial Director of web direction & Digital Product Manager | AST Publishing (AST.ru), Moscow

2018 – 2022

- Led cross-functional teams of designers, content managers, and IT specialists at a leading national publishing group, responsible for the company's online presence and information support for key business activities.

Technical Editor & Documentation Specialist | Explod (StreamTheater), Moscow

2017 – 2018

- Authored and structured complex technical specifications, system documentations, and design standards for digital products.

Deputy Editor-in-Chief & Design Critic | Top Gear Magazine (Russian Edition)

2011 – 2015

- Led a cross-functional team of 11 to relaunch a content platform. Developed the product strategy and content and entered the Top 20 cars media. Specialized on transport design trends, industrial manufacturing, ergonomics and usability.

EDUCATION

- **Degree in Transport Design**

MAMI (Moscow State Technical University) – 5-Year Engineering Program

- **Postgraduate Diploma in Marketing & Business Administration**

Academy of National Economy (ANE)

- **Degree in Computer Systems & Networks**

MEPhI (National Research Nuclear University)