Max Malein

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🌐 www.mln.one

An architect with a strong focus on computational design and software development. My broad architectural experience along with the set of coding skills give me an extraordinary approach to solving design problems. I love challenging tasks, complex geometries and playing with big data. I create bespoke software tools that help architects not only to be very productive but rather to make more informed and thorough decisions.

CODE

C# .NET	●●●●●
Rhino API	●●●●●
React/JS	●●●●·
Three.js	●●●··
HTML/CSS	●●●●●
Git	●●●●●
Docker	●●●●·

CAD

Rhino	●●●●●
Grasshopper	●●●●●
Archicad	●●●●●
Revit	●●●●·
Autocad	●●●●●

VIZ

3dsMax	●●●●·
Corona	●●●··
Photoshop	●●●●●
Adobe AE	●●●●●
InDesign	●●●●●

LANGUAGES

English	fluent
Russian	native

WORK EXPERIENCE

2019-2022
Parametrica
www.parametrica.team

Chief Technology Officer

URBANBOT — a set of software tools for architects and master planners aimed to automate repetitive and routine tasks.

BIRD — a custom urban planning software automating design development for a prefabricated residential development in Kazakhstan.

2018-2019
Nowadays
www.nowadaysoffice.com

BIM-manager

MOSCOW KREMLIN MUSEUM. Under construction. Supervising the creation of a detailed BIM model for a high profile museum project next to the Red Square. Implementing custom grasshopper scripts for BIM automation allowed to meet tight deadlines without sacrificing the design quality.

2016-2018
TPO Reserve
www.reserve.ru

Lead Computational Designer

ZARYADYE CONCERT HALL (2018). I was responsible for the main hall interior geometry and compliance with acoustic requirements. The complex irregular shape of the interior and all non-repeatable acoustic patterns were computed using custom scripts.

2014-2016
Private practice
www.mln.one

Computational Designer

ZARYADYE PARK PAVILIONS (2017). ArchDaily's Building of the year award. park pavilions facade design development; parametric pavement strategy

KABAN LAKES REDEVELOPMENT. International competition winning proposal with Turenscape and MAP Architects.

2011-2014
Mostovik
www.mostovik.ru

Team Lead

FIFA WORLD CUP 2018 STADIUM in Kaliningrad — SD/DD/CD/bidding. The design was praised for an exemplary program layout by FIFA officials.

FIFA WORLD CUP 2018 STADIUM in Volgograd — concept and schematic design.

2010-2011
DigitalBakery
www.digitalbakery.ru

Co-Founder / Project Architect

ROSNANO PAVILION at EXPO 2010, Shanghai — built 2010

FIRST ARCHITECTURAL RADIO

Courses and Workshops on parametric modelling

2007-2010
Asadov Studio
www.asadov.ru

Lead Architect

CHILDREN'S HOSPITAL in Moscow - Russia's building of the year 2011

RESIDENTIAL DEVELOPMENT in Konstantinovo - SD/DD

MUSIC THEATRE competition in Kaliningrad - winner

2008-2009
WilkinsonEyre Architects
www.wilkinsoneyre.com

Architectural Assistant

MULTIFUNCTIONAL DEVELOPMENT in St.Petersburg — 3d model and diagrams

SKI JUMP in N.Novgorod — masterplanning diagrams

JEDDAH CENTRAL DISCTRICT REDEVELOPMENT MASTERPLAN - parametric model

EDUCATION

2007-2008
Bartlett, UCL

Master of Architectural Design

Unit 13. Metaverse

1999-2005
NNGASU

Graduate Diploma in Architecture

Interactive Youth Centre