

# Miroslav Strigac

## Personal Details »

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|------------------|---|
| Date of birth »  | > 28 <sup>th</sup> of October 1983            |
| Nationality »    | > Slovak                                      |
| Work status »    | > EU resident                                 |
| Marital status » | > single                                      |
| Address »        | > Auf der Steig 24, 70376, Stuttgart, Germany |
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## Academic and Professional Education »

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|-------------|--|
| 2010»       | > <b>NEXUS advanced grasshopper Workshop</b> in Innsbruck, Austria /led by [uto] - Thomas Grabner & Ursula Frick/ Environmental analysis /Ecotect via GECO/, Structural analysis /OASYS via GEOMETRY GYM SSIGSA/, PROCESSING via GHOWL |
| 2007-2010 » | > <b>Master's degree in Architecture</b> at the Faculty of Architecture Czech Technical University /FA VUT/, Prague, Czech Rep. Studio FLOW - FreeForm and Advanced geometry Architecture  |
| 2009»       | > <b>Day of Steel Constructions</b> in Brno, Exhibition Centre, Czech Rep. Holding a lecture about the [cell]Megastructure Flow studio project   |
| 2003-2007 » | > <b>Bachelor's degree in Architecture</b> at the Faculty of Architecture Slovak Technical University /FA STU/, Bratislava, Slovakia   |
| 2006»       | > <b>Touches of Renaissance workshop</b> in Italy /7 days/ /International workshop in Florence, IT, studying Renaissance architecture in its authentic place/  |

## Work Experience »

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|----------------|---|
| 2011-present » | > <b>Design Architect @ LAVA - Laboratory for Visionary Architecture Gbr.</b> , Stuttgart, Germany<br>International Architecture office led by Tobias Wallisser/Berlin/, Alexander Rieck/Stuttgart/ and Chris Bosse/Sydney/<br>> projects involved in »> <b>KACST - King AbdulAziz City for Science and Technology</b> , masterplan project for a research facility in Saudi Arabia<br>> <b>PHILIPS Lighting</b> , Atria design and Intreior FitOut for the new headquarters of Philips Lighting in Eindhoven<br>> <b>Fraunhofer ZVE - Work Innovation Lab</b> , design of the next generation work space<br>> job description » > Worked in a diverse international team of architects and designers on international and german projects<br>> In team developed designs and studies - advanced geometries via scripts and parametric models, BIM models for drawings, CGIs, graphic outputs<br>> Took part on meetings with collaboration companies and individuals.            |
| 2010-2011 »    | > <b>Architecture Internship @ ONL /Oosterhuis_Lénárd bv/</b> , Rotterdam, The Netherlands<br>International Architecture office led by prof. Kas Oosterhuis /director of Hyperbody department of digital design methods at TU Delft/ and Ilona Lénárd<br>> projects involved in »> <b>Klimwanden Interiors and Climbing Halls Amsterdam and Eindhoven</b> , projects for several sport facilities featuring the unique Climbing walls design and interior spaces.<br>> <b>Airports of Media (AOE)</b> , conceptual proposal for a new type of media pavilions<br>> job description » > Worked under the supervision of senior architect and in direct cooperation with the junior architect and prof. Kas Oosterhuis<br>> Developed design studies, parametric models, layout drawings, capacity studies, CGIs, Animations, graphic outputs, prepared and supervised communication of 2d/3d data for manufacturing purposes /milled prototypes/                                   |
| 2009-2010 »    | > <b>part time Design Architect @ E-AREA</b> , Prague, Czech Rep.<br>A think-tank Architecture and Art group led by the Czech artist Federico Díaz<br>> projects involved in »> <b>Plant, the Blanka Tunnel exhaust tower</b> , artistic study for the Air exhaust tower for Pragues recent major urban/traffic project, Prague, Czech Rep.<br>> <b>Pulsar installation</b> for the Czech pavilion at EXPO Shanghai<br>> <b>Masarykova Station Gallery</b> , proposal for a new gallery in the immediate proximity of central railway station, Prague, Czech Rep.<br>> job description » > Worked closely with Federico Diaz and other E-Area team members on international projects<br>> Developed specific concept ideas to precise architectural designs, developed scripts and definitions layout drawings, graphic outputs like CGIs and explanatory schematics, project booklets<br>> Took part on meetings with clients, magistrate officials and collaboration companies. |
| 2008 »         | > <b>part time CGI Modeller @ NeoVisual</b> , Prague, Czech Rep.<br>Architecture CGIs, animations, web and product design<br>> tasks carried out » > in 3dsMax worked on architectural scenes, modelled geometries, tested renders as well as created milling data for physical models.   |

**Awards »**

- 2010 » **› Honourable mention at the Annual Graduation Theses Review**  
Czech Chamber of Architects award for the theses project [myo] Tension bridge

**Skills, Languages, Proficiency and Aims »**

- Computer Skills »** › McNeel Rhinoceros v.4/5/+Vray/, Grasshopper and Python scriptable component  
› Autodesk 3d studio Max/Mental Ray, V-ray/  
› Oasys GSA, Autodesk Ecotect Analysis  
› Open Office  
› Adobe Photoshop, InDesign, Illustrator, AfterEffects

- Languages »** › English, German, Slovak /native speaker/

- Proficiency »** › 2,5 years of international experience working in team as well as individually /The Netherlands, Germany/  
› Creative thinking, inventive approach and strong conceptual as well as practical design solutions  
› High experience in parametric modelling via Grasshopper and Python scriptable component  
› High experience in Architectural CGI /V-ray, M/  
› Practice in mock up designs /samples, prototypes/

**Aims and Interests »**

- › Passion in Digital Architecture, finding a balance between current production methods and the vast opportunities of digital manufacturing procedures, milling, cutting, bending folding...  
› Searching for an analytical, sustainable, interdisciplinary approach towards commercial design  
› Creating Logic, Excitement and Innovation in Geometry

**References »****LAVA [Laboratory For Visionary Architecture] Gbr »**

- › **address »** › Wolframstrasse 20B, 70191 Stuttgart, Germany  
› **web »** › <http://www.l-a-v-a.net>  
› **e-mail »** › senior architect Stephan Markus Albrecht › [s.albrecht@l-a-v-a.net](mailto:s.albrecht@l-a-v-a.net)  
› **phone »** › office › +49 711 722 32 901

**ONL [Oosterhuis\_Lénárd] bv »**

- › **address »** › Essenburgsingel 94c, 3022 EG Rotterdam, the Netherlands  
› **web »** › <http://www.oosterhuis.nl>  
› **e-mail »** › senior architect Gijs Joosen › [joosen@oosterhuis.nl](mailto:joosen@oosterhuis.nl)  
› **phone »** › office › +31 (0)10 244 70 39

**Federico Díaz / E-Area/ »**

- › **address »** › Fine Arts - Supermedia Studio at Academy of Arts, Architecture & Design /AAAD/  
nám. J. Palacha 80, 11693 Prague 1, Czech Republic  
› **web »** › <http://www.fediaz.com> › <http://www.e-area.cz>  
› **e-mail »** › Federico Díaz › [federico@e-area.cz](mailto:federico@e-area.cz)

**NeoVisual »**

- › **address »** › Pernerova 11/293, 186 02 Prague 8, Czech Republic  
› **web »** › <http://www.neovisual.cz>  
› **e-mail »** › office › [info@neoVISUAL.cz](mailto:info@neoVISUAL.cz)  
› **phone »** › project leader Jan Pajurek › +420 777 33 63 11