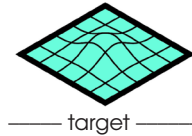




# — MANUEL — RODRIGUEZ LADRÓN DE GUEVARA

architect



## profile

Given name: Manuel  
Family name: Rodriguez Ladrón de Guevara  
Date of Birth: March 29th, 1989  
Gender: Male  
Language Spoken: Spanish, English, Catalan  
Experience: 5 years work experience





## key focus





Parametric Design  
Digital Fabrication  
Construction  
BIM  
Coding  
Scripting  
Sustainability

## contact me

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m. manuelr@andrew.cmu.edu  
t. 412 692 1063  
p. issuu.com/mladron/docs/151212\_portfolio\_2016\_issuu  
wb. [www.multi-resolution.com](http://www.multi-resolution.com)  
vr. <https://www.youtube.com/watch?v=179KW7OlvEc&list=UUN-IC110Cvby9mv5jOTEI105ahw>

## skills

Autodesk Autocad   
Rhinceros + Vray   
Grasshopper   
Kangaroo 

Rapid (ABB Robotics)   
ABB RobotStudio   
Python   
Photoshop 

InDesign   
Illustrator   
RhinoCam2017   
Revit 

## education

- 2017 - pr.** Masters in Advanced Architectural Design, Carnegie Mellon University, Pittsburgh, Pennsylvania, US.
- 2013** Architect graduated in Barcelona School of Architecture (etsab), Polytechnic University of Catalonia, obtaining Honors in the graduate project.
- 2007** Technical High School in Santísima Trinidad Sansueña, Córdoba, Spain.
- 2005** Secondary education in Santísima Trinidad Sansueña, Córdoba, Spain.

## work experience

- 2018.01** 2nd Year Studio Instructor at Carnegie Mellon University. Course coordinator: prof. Jeremy Ficca
- 2017.09** ASO Studio Teaching Assistant at Carnegie Mellon University. Course coordinator: prof. Jeremy Ficca
- 2017.07** MFI Research Assistant at Carnegie Mellon University. Tooling Surface Topologies of High Performance Building Components. Robotic Post-Processing of 3D Printed concrete and Thermal Behaviour in Design. Prof. Dana Cupkova and prof. Josh Bard
- 2017.07** Pre-College Architecture Faculty at Carnegie Mellon University. Director of the program: Spike Wolf
- 2017.06** Autodesk Build Space Boston Incremental Forming Workshop co-leader. Main coordinator: prof. Jeremy Ficca
- 2017.01** 2nd Year Studio Teaching Assistant at Carnegie Mellon University. Course coordinator: prof. Jeremy Ficca
- 2016.11** Research Assistant at Carnegie Mellon University with Professor Jeremy Ficca in dFAB, Carnegie Mellon University.  
Investigation in workflow for Fabrication customization with ABB Industrial Robots.
- 2016.07** Ladrón architecture. jinX! House plans submitted
- 2015.08** Ladrón architecture  
K House, single family house in Granada, building under construction  
O House, single family house in Belicena, Granada. Stage 1, elaboration of the basic plans for the o house
- 2015.07** Aston School of Languages  
Team Leader of Spanish students in Wheelock College, Boston, Massachusetts
- 2014.10** Ladrón architecture  
K House, Stages 1 and 2, elaboration of the required documents to build a single house in Granada, Spain
- 2014.10** Studio Idealyc  
ARB architect for several single family houses, London, UK
- 2013.09** Cloud9 // Enric Ruiz Geli  
Project Leader in Ampo Masterplan, Guipuzcoa, Spain  
Project Architect in Ampo Creativity House, Guipuzcoa Spain  
Team architect in elBulliFoundation, Girona, Spain  
Team architect in PortOle, Krasnodar, Russia  
Team architect in Aiguablava Single family house, Girona, Spain  
Team architect in Digital Pavillion, Girona, Spain  
Team architect in Space por la vie - Biodome - Montreal, Canada
- 2012.09** ASZ arquitectes  
Internship for the Railway covering in Sants, Barcelona, Spain
- 2011.07** Studio Idealyc  
Internship for several single family houses, London, UK

## exhibitions + publications + awards

- 2018.04** George W. Anderson, Jr Award. Mass instantiations in Architectural Design for Cost Efficient Fabrication.
- 2018.01** Frank Ratchey Studio for Creative Inquiry Grant. Multi-resolution in computational design and robotic fabrication Thesis Research.
- 2017.10** Graduate Small project Help (GuSH) Research Grant. Multi-resolution in computational design and robotic fabrication Thesis Research.
- 2014.10** Future Factory Ampo, Ampo Masterplan article, El Mundo news  
[www.elmundo.es/cataluna/2014/10/20/54450102e2704efb438b457e.html](http://www.elmundo.es/cataluna/2014/10/20/54450102e2704efb438b457e.html)  
[www.ruiz-geli.com/projects/built/ampo](http://www.ruiz-geli.com/projects/built/ampo)
- 2014.09** Digital Pavillion in Aiguablava in Pasadena Art College of Design Catalogue
- 2014.09** elBulliFoundation // Cloud9. Social supporting elBulliFoundation project  
[www.ccma.cat/324/alcaldes-empresaris-i-teixit-social-donen-suport-al-proyecto-del-bulli-foundation-a-la-cala-montjoi/noticia/2491277/](http://www.ccma.cat/324/alcaldes-empresaris-i-teixit-social-donen-suport-al-proyecto-del-bulli-foundation-a-la-cala-montjoi/noticia/2491277/)
- 2014.09** elBulliFoundation // Cloud9. Article about the project in Newspaper + Antena3 tv
- 2014.06** Jeremy Rifkin + Enric Ruiz Geli conference Ampo Masterplan
- 2014.05** Ampo Creativity House in ETB television  
[www.eitb.eus/es/videos/detalle/2259220/video-entrevista-enric-ruizgeli-entrada-libre/](http://www.eitb.eus/es/videos/detalle/2259220/video-entrevista-enric-ruizgeli-entrada-libre/)
- 2014.02** elBulliFoundation // Cloud9 // Ferrán Adrià Conference in Media-ITC Building  
[www.antenatv.com/noticias/cultura/gastronomia/ferran-adria-iniciara-septiembre-elbulli1846-primer-centro-culinario-1+d-mun-do\\_2014020700193.html](http://www.antenatv.com/noticias/cultura/gastronomia/ferran-adria-iniciara-septiembre-elbulli1846-primer-centro-culinario-1+d-mun-do_2014020700193.html)
- 2014.01** Digital Villa, Aiguablava, El Mundo news  
<http://www.elmundo.es/cataluna/2014/01/20/52dd4059e2704ece678b457b.html>
- 2013.07** Publication of the project 'Railway covering in Sants, Barcelona'  
Issuu.com/colleclerc/docs/catalago\_y\_proceso\_2013\_2d
- 2013.04** Publication in the magazine of projects and Final projects of etsaB in 2012
- 2012.08** International exhibition, projects IX - X Rethinking Cities: Framing future. My Very Own City Exhibit in La Fira, Barcelona + publication in My Very Own City's Catalogue  
[www.iaacblog.com/2012/10/08/opening-of-the-world-bank-symposium-rethinking-cities-framing-the-future/](http://www.iaacblog.com/2012/10/08/opening-of-the-world-bank-symposium-rethinking-cities-framing-the-future/)  
<http://mycity-me.com/portfolio/my-very-own-city/>
- 2012.07** Exhibition in AAAB center of Barcelona + publication in AAAB catalogue
- 2012.07** Project IX selected among 10 projects in Polytechnic University of Catalonia 10+10 exhibition in AAAB