

# Edgar García Carrasco

## CURRICULUM VITAE

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67 Broadway Malverne, NY 11565

Native Languages: Spanish.  
Second Languages: English.

Authorized to work in the US.

## EDUCATIONAL BACKGROUND

2012-2013

### **M.Arch II (Post-Professional Master of Architecture).**

#### **Rensselaer Polytechnic Institute - School of Architecture. Troy, New York USA.**

Geofutures speculates on the future of architecture and urbanism in the Anthropocene by suggesting that the "built environment" embark on establishing new affiliations beyond the human; a fundamental realignment of buildings and cities as no longer significant for "us" alone." (Chris Perry, Director).

2007 - 2010

### **Specialist in Restoration and Conservation of Architectural Heritage.**

Jorge Tadeo Lozano University. Cartagena de Indias - Colombia.

The specialization has a marked interest in providing students with conceptual and practical tools that allow them to act in the processes of recovery of immovable heritage. Additionally, it is aware that these tasks require management and enhancement actions that allow the durability of the heritage and that generate profits for the communities, for their well-being and enjoyment of what they consider their heritage.

1994 - 2001

### **Bachelor of Architecture.**

Jorge Tadeo Lozano University. Cartagena de Indias - Colombia.

This program was founded in 1976 and is one of the oldest Architecture programs in the country, located in the UNESCO World Heritage Site it is well known for its emphasis on Design and Historic Preservation.

## AWARDS

- 2019 **The One Drawing Challenge Finalist. ARCHITIZER.**  
A powerful visual story about architecture and the people that inhabit it through a single architectural drawing.  
Category: Section. Country: United States.
- 2019 **Architect of the Year.**  
Colombian Society of Architects. Bolivar (SCA Bolivar).  
Recognition for his work as an architect and educator.  
Cartagena - Colombia.
- 2015-2016-2017 **Professor of the Year. Jorge Tadeo Lozano University.**  
Recognition for his work as a professor at the Faculty of Architecture.  
Cartagena – Colombia.
- 2014 **Expo Milan, Italy. WT Smart City Award. Second Place.**  
**Biotic City; Neo-Indigenous Urbanism**  
Category: Innovation design, architecture, and urbanism.  
WT SmartCityAward is an international urban and architectural ideas competition. Well-Tech, driven by a deep reflection on the future of our cities, is researching and selecting the most visionary and sustainable ideas and projects to transform in a positive way the urban landscape.
- 2005 **Visual Perception of Instants. Imagen Regional Finalist.**  
Regional Image is a competition organized by the Bank of the Republic that circulates and makes visible the processes of artistic creation in different regions of Colombia.

## PROFESSIONAL POSITIONS

- 2014 to Present **Neopictonic Lab.**  
Founder.  
Architecture – Design - Education and Research laboratory.  
New York, USA – Cartagena de Indias, Colombia.  
Neopictonic was founded by Edgar Garcia and Jessica Hernandez in 2014 with the aim of establishing a design laboratory focused on research, education, and practice of multidisciplinary alternatives, that easily merge design with technology, science, and biology, to develop innovative proposals and generate productive answers on issues of environment and the development of regions.
- Client List:  
Rennselear Polytechnic Institute | USA.  
Colegio de Arquitectos del Estado de Querétaro | Mexico.  
Universidad Autónoma de Querétaro | Mexico.  
Technologico de Monterey Campus Chihuahua | Mexico.  
Universidad Javeriana | Colombia.  
Universidad Bolivariana de Montería | Colombia.  
Universidad del Norte | Colombia.  
Universidad Tecnológica de Bolívar | Colombia.  
Universidad San Buenaventura | Colombia.

2021 - 2022

**Cartagena de India's Mayor's Office of Public Space and Mobility.  
Consultant for Cartagena's Mayor's Office of Public Space  
and Mobility Management.**

Cartagena de India's, Colombia.

Consultant in the implementation of strategies and projects that allow the adequate administration, recovery, and use of public space in the city of Cartagena de Indias. The projects carried out are focused on the conservation of natural, historical, and cultural heritage, the renovation and protection of coastal areas vulnerable to climate change, the design of sustainable mobility policies and cycling infrastructure, and the recovery of public spaces through the construction of points of urban acupuncture in different districts of the city.

Projects:

Urban Renewal Project - Plaza del Joe Arroyo.

Renovation and protection of coastal zones – Laguito coastal border.

Urban Acupuncture – 14 urban acupuncture points in the city.

Urban Planning.

Mobility Historic Center.

Urban Furniture.

Cycle – Infrastructure.

Urban Renewal Project – Centro Histórico – Castillo de San Felipe.

2005 - 2011

**Designalter Studio.**

Co-founder, Partner, and Architect.

Miami, Florida and Cartagena de Indias, Colombia.

Designalter Studio is an interdisciplinary design and architectural consultancy firm that focuses on the development of visionary ideas that lead to contemporary spatial experiences. Our contexts of operation fall between, on, or adjacent to the River, the Bay, the Lake, the Sea, the Golf, or the Mountain Valley.

During the construction boom that occurred in the Caribbean from 2005, Edgar Garcia worked at Design-alter in the design of multiple institutional, hotels, residential, marinas, master plans, and interior design projects, supporting construction companies and developers of the most important real estate projects in the region such as Grupo Area, Urbania, Inverbienes, Sunexus Group, among others.

Projects:

2011. Universidad del Sinu.

University. 6.500mt<sup>2</sup> / 69965.42 sqft. Built. Cartagena de Indias - Colombia.

2010. Atolones.

Master Plan. Residential – Commercial – Hospitality. 17 hectares.

Design Development. Cartagena de Indias – Colombia.

2009. Marina de la Virgen.

Marina and Restaurant. Design Development. Cartagena de Indias – Colombia.

2008. Corozal Gardens.

Master Plan. Residential – Commercial – Hospitality. 139043m<sup>2</sup> - 1496646.4 sqft.

Design Development. Corozal, Panamá.

2007. Amanecer Tower.

Residential Building. 25 floors, 33 Apts / 150- 280 m<sup>2</sup>- 1614.59 sqft – 3013 sqft.

Built. Cartagena de Indias - Colombia.

2006. Casa del Baluarte.  
Restoration I Residential. 7163m<sup>2</sup> – 77101 sqft. Design Development.  
Casco Antiguo, Ciudad de Panamá, Panamá.

2006 – 2007. Sky II Building.  
Residential – 16 floors - 60 Apts / 60mts<sup>2</sup>. Built. Cartagena de Indias Colombia.

2006. Eudes Foundation.  
Master Plan. Institution. 30.000mts<sup>2</sup> – 322917 sqft. Built. Bayunca - Colombia.

2005 - 2007. Palmetto Tower.  
Residential – 42 floors - 120 apts / 70mts<sup>2</sup>. Built. Cartagena de Indias - Colombia.

2002 - 2003

### **HPI (Hospitality Purveyors).**

Architect.

Miami, Florida USA. HPI is an In-house architecture studio for Sandals and Beaches Resorts. HPI designs and executes interior design projects for Hotels and Resorts around the Caribbean.

Projects:

2002 - 2003. White House Resort, Jamaica.

2002. Ocho Rios Luxury Resort. Ocho Rios Jamaica.

2001

### **The Bahamas Antiquities, Monuments, and Museums Corporation I College of the Bahamas Exuma Education and Resource Center I Florida Atlantic University Center for the Conservation of Architectural Heritage.**

Architect.

Documentation of Historical Heritage Sites in Exuma Bahamas.

## ACADEMIC POSITIONS

2014 to Present

### **Neopictonic Lab.**

#### **Architecture – Design - Education and Research laboratory.**

Founder - Educator and Researcher.

New York, USA – Cartagena de Indias, Colombia.

Working with Schools, Institutions, Foundations, and Communities.

Students of all ages, early childhood, high school, and universities, investigating issues related to the production of biomaterials, the study of digital technologies, and the exploration of alternative fabrication methods to put into practice innovation models that can be applied in conjunction with communities in the region.

2021 - 2023

**Tecnológica de Bolívar University.**

School of Architecture - Adjunct Professor.  
Cartagena de Indias, Colombia.

SS 2023. Taller 3 | Undergraduate Second Year Design Studio.  
FS 2022. Taller 3 | Undergraduate Second Year Design Studio.  
SS 2022. Taller 3 | Undergraduate Second Year Design Studio.  
FS 2021. Diseño Basico 2 | Undergraduate First Year Design Studio.  
SS 2021. Diseño Basico 1 | Undergraduate First Year Design Studio.

2018 - 2020

**San Buenaventura University.**

School of Architecture – Professor and Director of GAUDES Research Group.  
Cartagena de Indias, Colombia.  
Working with the faculty, administrators, teachers, and students to integrate new design technologies and methodologies of teaching into their classroom curricula.

SS 2020. Taller 8 | Undergraduate Fourth Year Design Studio.  
Expresion 7 | Digital Representation 7. 3d Modeling Rhinoceros.  
Expresion 8 | Digital Representation 8. Adobe Photoshop.  
Expresion 9 | Digital Representation 9. Adobe Illustrator.

FS 2020. Taller 8 | Undergraduate Fourth Year Design Studio.  
Expresion 7 | Digital Representation 7. 3d Modeling Rhinoceros.  
Expresion 8 | Digital Representation 8. Adobe Photoshop.  
Expresion 9 | Digital Representation 9. Adobe Illustrator.  
Director of the research group of the architecture faculty "GAUDES".

SS 2019. Taller 8 | Undergraduate Fourth Year Design Studio.  
Expresion 7 | Digital Representation 7. 3d Modeling Rhinoceros.  
Expresion 8 | Digital Representation 8. Adobe Photoshop.  
Expresion 9 | Digital Representation 9. Adobe Illustrator.  
Director of the research group of the architecture faculty "GAUDES".

FS 2019. Taller 8 | Undergraduate Fourth Year Design Studio.  
Expresion 6 | Digital Representation 6. AutoCAD.  
Expresion 7 | Digital Representation 7. 3d Modeling Rhinoceros.  
Expresion 8 | Digital Representation 8. Adobe Photoshop.  
Expresion 9 | Digital Representation 9. Adobe Illustrator.  
Director of the research group of the architecture faculty "GAUDES".  
As director of the GAUDES, this year the group climbed from Category C to Category B, in Colciencias Ranking.  
Colciencias is the government entity through the Ministry of Education which directs innovation and research topics in Colombia.

FS 2018. Taller 6 | Undergraduate Third Year Design Studio.  
Software Arquitectonico | Digital Representation 5. Sketch up.  
Expresion 6 | Digital Representation 6. AutoCAD.  
Expresion 7 | Digital Representation 7. 3d Modeling Rhinoceros.  
Expresion 8 | Digital Representation 8. Adobe Photoshop.  
Expresion 9 | Digital Representation 9. Adobe Illustrator.  
Research group leader "GAUDES".

**Jorge Tadeo Lozano University.**

School of Architecture - Adjunct Professor.  
Cartagena de Indias, Colombia

SS 2017. Taller 8 I Undergraduate Fourth Year Design Studio.  
Historia y Teoria de la Arquitectura I - Arch. History & Theory II -  
Undergraduate Seminar First Year.

FS 2016. Taller 8 I Undergraduate Fourth Year Design Studio.  
Historia y Teoria de la Arquitectura I - Arch. History & Theory II -  
Undergraduate Seminar First Year.

SS 2016. Taller 2 I Undergraduate First Year Design Studio.  
Introduccion a la Teoria de la Arquitectura I Arch. History & Theory I  
Undergraduate Seminar First Year.

FS 2015. Taller 2 I Undergraduate First Year Design Studio.  
Introduccion a la Teoria de la Arquitectura I Arch. History & Theory I  
Undergraduate Seminar First Year.

SS 2015. Taller 10. I Thesis.

FS 2010. Taller 10 I Thesis.

FS 2010. Taller 6 I Undergraduate Third Year Design Studio.

FS 2009. Taller 6 I Undergraduate Third Year Design Studio.

FS 2009. Taller 2 I Undergraduate First Year Design Studio.

SS 2008. Taller 3 I Undergraduate Second Year Design Studio.

FS 2008. Diseño Basico 1 | Undergraduate First Year Design Studio.

SS 2008. Diseño Basico 1 | Undergraduate First Year Design Studio.

FS 2007. Taller 6 I Undergraduate Third Year Design Studio.

SS 2007. Taller 6 I Undergraduate Third Year Design Studio.

FS 2006. Taller 6 I Undergraduate Third Year Design Studio.

**Program at the Center for Architecture. AIA New York City.**

SU 2011. Volunteer at The Center for Architecture, promoting public understanding and appreciation of architecture and design through educational programs for K-12 students and teachers, families, and the general public.

2005 TO 2014

### **Design-alter Foundation.**

Co-founder, Educator, and Researcher.

Miami Florida – Cartagena de Indias Colombia.

Designalter Foundation is a non-profit organization based in Miami, Florida, and Cartagena de Indias, Colombia.

2005 to 2012. In addition to being a co-founder, Edgar Garcia worked as an organizer of academic programs focused on establishing alternative ways of relating art, design, and architecture to the contemporary notion of heritage and community formation. The foundation's interdisciplinary approach aims to integrate different audiences locally, regionally, and internationally. The financial revenues of such programs in Miami and abroad were dedicated to promoting the foundation's signature Heritage for Learning Project, which focuses on documenting, diagnosing, and proposing rehabilitation and adaptive reuse initiatives for historic landscapes and built sites in any country or community where this knowledge is needed.

SU 2014. Empowering the City. Cartagena de Indias Colombia.  
120 hr. International Studio with Tecnológico de Monterrey  
Campus Chihuahua and Universidad Javeriana de Bogotá.  
Profesor.

SU 2013. The Pompano Beach Experience. Florida – Usa.  
120 hr. International Studio with Tecnológico de Monterrey  
Campus Chihuahua and Universidad Javeriana de Bogotá.  
Profesor.

## PROFESSIONAL MEMBERSHIPS

2002 - Present

### **Licensed Architect & Member.**

Cartagena de Indias, Colombia.

Active participant in the Colombian Society of Architects.

# WRITING | PUBLICATIONS | EXHIBITIONS

2014

**Exhibition.**  
**Expo Milan, Italy. WT Smart City Award.**

Biotic City - Neo Indigenous Urbanism.  
Category: Innovation design, architecture, and urbanism.  
The exhibition was held at Palazzo Isimbardi.

2010

**Exhibition and Publication.**  
**Revealing Surfaces.**

Transformation and intervention of the Arsenal.  
Specialization in Restoration and Conservation of Architectural  
Heritage Thesis exhibition.  
The exhibition was held at Jorge Tadeo Lozano University Sede Calle de la Chicheria.

The Historic Preservation and Restoration thesis project "Revealing Surfaces, is a three-year investigation that explores methodologies and design processes with the purpose of creating a plan that guides contemporary interventions in Historic Districts. The design methodology focuses on the history, literature, archeology, environment, public space, and the complex relations these issues establish with the communities that inhabit said environments.

2007

**Exhibition and Publication.**  
**Visual Perception of Instants.**

Imagen Regional Banco de la Republica Exhibition.  
The exhibition was held at Casa Bolivar. Cartagena de Indias, Colombia 2007.  
Regional Image, is an exhibition program of Banco de la República that circulates and makes visible the processes of artistic creation in different regions of Colombia and a platform for reflection and dialogue on artistic work.

## REPRODUCTION OF WORK

2020

Climate change-oriented design: Living on the water.  
A new approach to architectural design.  
Januszkiewicz, Krystyna, and Jakub I. Gołębiewski. Journal of Water and Land Development 47 (2020): 96-104.

2013

Cohan, Joe. "Biotic City: Neo Indigenous Urbanism – eVolo.  
Architecture Magazine." Biotic City: Neo Indigenous Urbanism - eVolo | Architecture Magazine, [www.evolo.us/biotic-city-neo-indigenous-urbanism](http://www.evolo.us/biotic-city-neo-indigenous-urbanism).

2013

New kind of Bioethical City. Biotic City. Neo-indigenous Urbanism.  
Somnia Architecture is a little bit of Architecture. <http://somniaarchitectura.blogspot.com/2013/10/biotic-city-neo-indigenous-urbanism.html>.



# INVITED LECTURES | SYMPOSIA FORUMS | WORKSHOPS.

- 2022 Forum Panelist.  
Cities for Early Childhood Forum – Urban 95 - Bernard Van Leer Foundation – Barranquilla, Colombia
- 2021 Workshop.  
Taller Percepción de Instantes. Universidad Tecnológica de Bolívar.
- 2020 Lecture.  
Experiencias Innovadoras. Un conversatorio acerca de los retos de COVID 19, el Diseño de experiencias, y el regreso del comercio. Sociedad colombiana de Arquitectos (SCA), Colombia.
- 2020 Lecture.  
Urbanismo Neo-nativo – Tecnologías Emergentes en Diseño Arquitectónico. Universidad del Norte, Barranquilla, Colombia.
- 2019 Forum Panelist.  
IV Foro Internacional y X Nacional de Pensamiento Moderno y Contemporáneo. Colegio Mayor Cartagena.
- 2019 Workshop.  
Taller de tecnologías avanzadas de fabricación digital. Neopictonic - USB Cartagena.
- 2015 to 2019 Workshops.  
Ciclos Digitales. Miami - New York City - Cartagena de Indias.
- 2017 Experimental Design Congress.  
Congreso Experimental de diseño-Limites Difusos. Universidad Autónoma Querétaro, México.
- 2016 Workshops for Professors.  
Taller de Diseño Digital y Rhinoceros, para profesores de la facultad de Arquitectura de la Universidad Pontificia Bolivariana-Monteria.
- 2015 1st Rivercity Global Forum.  
Forum Panelist. Universidad del Sinú Monteria.
- 2015 Vertical Studio.  
Taller Vertical Universidad Jorge Tadeo Lozano - Seccional Caribe.
- 2015 Lecture.  
Universidad Jorge Tadeo Lozano - Seccional Caribe. Cartagena de Indias.
- 2014 Workshop. Ciclos Digitales. Neopictonic New York Lab. Cartagena.
- 2014 Community Design Workshop.  
Los relieves de la Memoria. Plan Maestro de Infraestructura para la Ciudad de Santa Cruz de Lórica, Córdoba. Organiza Alcaldía de Santa Cruz de Lórica - Córdoba, Colombia.

- 2014 Workshop.  
Taller Arqueología Simultaneas / Desarrollo de Conceptos y Nuevos Métodos de Producción del Espacio. Colegio de Arquitectos del Estado de Querétaro, México
- 2014 International Summer Design Studio.  
Containing the Air. Tecnológico de Monterrey, Designalter, Neopictonic, Universidad Javeriana de Colombia. Pompano Beach, Florida USA.
- 2014 International Summer Design Studio.  
Excavando el Agua, Tecnológico de Monterrey, Designalter, Neopictonic, Universidad Javeriana de Colombia. Cartagena de Indias.
- 2013 International Summer Design Studio.  
Empacando el Vacío. Tecnológico de Monterey, Designalter, Neopictonic, Universidad Javeriana, México - Miami, USA.
- International Summer Design Studio.  
Traces and Extrusions, Tecnológico de Monterey, Miami -USA.
- 2010 Workshop.  
Coreografías y Narrativas Exhumadas. Taller interdisciplinario(CPNAA), Bogotá.
- 2010 Workshop.  
Intersticios: Un parque perimetral Sur. Universidad del SINU. Montería/Colombia.
- 2010 Workshop for Professors.  
Taller de Diseño para docentes. Universidad Autónoma del Caribe, Barranquilla.
- 2009 International Summer Design Studio.  
Desembocaduras:. DAF. Miami+Panamá+Cartagena.
- 2008 Undergraduate Certificate Program.  
Diplomado en Arquitectura del Paisaje (Bordes y Periferias). UJTL. Cartagena.
- 2005 Invited Lecturer and Exhibition.  
Percepción Visual de instantes. (Imagen Regional, Banco de la Republica).
- 2005 Undergraduate Certificate Program.  
Diplomado de Arquitectura del Paisaje para la Universidad Jorge Tadeo Lozano.