

MARTINA D. RODRÍGUEZ MARRERO

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PERSONAL STATEMENT

Architectural designer with six years of experience training in specializing in high-performance infrastructure rooted in local responsiveness and efficiency. My approach conveys computational methods that emerge from a preliminary understanding of spatial adaptability informed by data-driven design processes.

Beyond the technical, I am passionate about wellbeing and motion, where reflecting on architectural sequences as time-lapse episodes, such as the pause at a glass corner where one can anticipate views, embodies sensing the vitality of the built environment. Driven by the belief that attention to human experience has strengthened my cross-cultural communication skills through international collaboration, I am willing to contribute to an architectural practice that balances performative rigor with expressive clarity.

RELEVANT PROFESSIONAL EXPERIENCE

Architectural Graduate

BRISTOL, UK

INTERN FOR ESTATES (UWE)

MAY, 2025 – SEPT., 2025

- **Rhino and Grasshopper Software:** Building Skins Research Project on biomimetic design to develop prototype iterations and G-code for digital fabrication (PLA and ceramic 3D printing).

Lead Architectural Designer, Builder and Teacher

THE GAMBIA, WEST AFRICA

DAUGHTERS OF AFRICA NGO

SEPT., 2025 – JAN, 2025

- **Local material:** Designed and constructed bird hides using local material, such as raphia fiber.
- **Authored and delivered an architecture course:** Perspective and spatial awareness teacher at Saint Peter's Senior Secondary School.

Competitive Designer

BRISTOL, UK

THE GRAND IFTAR - ST.MARKS ROAD

SEPT., 2025 – MARCH, 2025

- Bristol City Council (BCC) involvement as designer in live projects.
- **CFD application to heavy street winds:** Designed a temporary rain resistant pavilion with the use of computational tools to preserve street patterns and identity.
- **Stakeholder meetings:** Led to volunteering at the cultural setting, gathering around 500 attendees since 2019 and ITV news documented.

Mentee at Oxford Architects

BRISTOL, UK

RIBA MENTORING SCHEME

FEB, 2024 – APR, 2024

- **Site visits:** Surveying in the construction phase of a residential building.
- **BIM workflows:** Time, quality and cost constraints under sustainable design strategies.

Architectural Assistant

GRAN CANARIA, SPAIN

ARCHITECTURAL INTERN AT DOBLECERO ARQUITECTOS

JUL, 2023 – AUG, 2023

- **Revit and AutoCAD:** Assisting with concept development on residential and commercial projects.
- **Client and stakeholder meetings:** Assisting and creating presentation graphics

TECHNICAL SKILLS

- **Autodesk Components and 3D Modelling:** Revit, AutoCAD, Rhino and Grasshopper
- **Microsoft Office and Adobe Components:** Illustrator, Photoshop and Premiere Pro
- **Rendering and Visualization:** V-Ray, Enscape and Twinmotion

EDUCATION

Master's in Architecture (MArch) (RIBA/ARB Part II Accreditation)

BRISTOL, UK

UNIVERSITY OF THE WEST OF ENGLAND (UWE)

SEPT., 2024 – IN PROGRESS (MAY)

- **Master's Thesis:** "[Re]mediating Diagnosis. A Study of Alexandria's Coastal Deteriorated Façades"
- **Computational methods:** Rhino and Grasshopper Software for massing optimization, particle propagation, cellular automata, parametric modelling and environmental simulations.

BSc (Hons) Architecture (RIBA/ARB Part I Accreditation)

BRISTOL, UK

UNIVERSITY OF THE WEST OF ENGLAND (UWE)

SEPT., 2020 – MAY, 2024

- **First-Class Honours**
- **Acoustics engineering testing at St George's: Dissertation** on "*Orchestrating Architecture and Acoustics: Exploring Sound Dynamics in Performance Venues*".
- **Research Centre Proposal:** Parametric modelling through local, natural pattern applications.

Erasmus + Placement Year

PARIS, FRANCE

ÉCOLE NATIONALE SUPERIEURE D'ARCHITECTURE DE PARIS (ENSAPLV)

SEPT., 2022 – JUL, 2023

- **Professional methodologies:** Acquired new forms of architecture around computational methods, BIM workflows, architectural psychology and architectural scenography.

Professional Pianist Degree

CANARY ISLANDS, SPAIN

CONSERVATORIO PROFESIONAL DE MÚSICA DE LAS PALMAS DE GRAN CANARIA (CPMLPGC)

SEPT., 2012 – JUL 2023

- **First-Class Honours** and eligible to be a piano teacher
- Other modules: Harmony, analysis, I.T., history, improvising, chamber music and choir

Delegate and Artist

THE HAGUE, NETHERLANDS

MODEL UNITED NATIONS (THIMUN)

JAN, 2018, 2019 & 2020

- **Delegate:** Representing Australia and Cape Verde in the Economic and Social Council
- **Press Team:** Designer illustrating global issues fostering political, economic and social growth

LANGUAGES

Spanish Native (C2); **English** Proficient (C2); **French** Proficient (C1); **Italian** Basic (A2)

INTERESTS AND HOBBIES

- Athletics (hurdles & marathons), surfing and skiing
- Traveler and gastronome

AWARDS AND CERTIFICATES

- Gold Certificate in Zero Carbon Buildings (energy-efficient structures exam and design)
- First place in end-of-degree awards as pianist and instrumentalist in Gran Canaria
- Director's Awards for Intercultural Understanding (for travelling documentation)
- Swiss Language Club (SLC); B1 French level (3-year summer experience)
- Advanced Placement (AP), SAT with Essay and SAT Physics Scholar