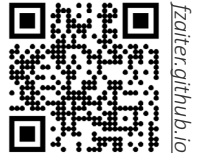# FERNANDO ZAITER

I have worked for over 10 years as an architect for top architectural practices in the UK where I lived for over 5 years and obtained my degree in computer engineering with first class honours while working full time. Currently based in Madrid, I am a very proactive person, eager to learn and open to new challenges.

More about me:

fzaiter.github.io

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SKILLS

_HARD SKILLS

Programming (OOP) / Python / Java / HTML / CSS / SQL / Photoshop / Illustrator / inDesign / CAD / 3D Modelling / Microstation / AutoCAD / Twinmotion / VuCity

_SOFT SKILLS

Presentation / Coordination / Design / Management / Problem-solving / Teamwork

_DEVELOPING SKILLS

SQL / ML Algorithms / Numpy / Pandas / Matplotlib / Git / Revit

_LANGUAGES

SPANISH - Native
ENGLISH - Fluent
FRENCH - Basic

PROJECTS

_TRAINING MAZE SOLVING THROUGH REINFORCEMENT LEARNING - BSc Final Project
SEP/ 2020 - MAY/ 2021

• Utilised **Python**, **Numpy** and **Matplotlib** to implement and evaluated a new multi-agent approach on maze problems based on the **Q-learning** algorithm that shows higher adaptability and better performance in the experiments performed.
• Created a **Windows application** with a user interface tailored to the needs of the project by using **OpenCV** and **Pillow** to run all the different experiments while also automatically exporting all the results (tables, images and video) for further analysis in a professional report.

_HTML/ CSS CURRICULUM VITAE
APR/ 2024

• Implementation of an online version of my own CV hosted through GitHub Pages. Application of **HTML** and **CSS** to create a responsive website. • **Integral design** of the website writing all the code from the original design idea and including basic **JavaScript** functions for ease of use.

EXPERIENCE

_ALLFORD HALL MONAGHAN MORRIS - Architect
JUN/ 2017 - THIS DAY

• **Project development** and **presentations** both to senior management and to clients and teams from different disciplines outside the company, as well as ensuring **coordination** with the latter to guarantee the correct development. • Work both in the **design** as well as in the **technical and regulatory** area through the constant monitoring of all the variables that may affect the development of the project. • Project architect. **Client presentations** and **leading team-wide meetings** fostering collaboration among teams and across departments assigning tasks as needed.

__ZAITER PHOTOGRAPHY - Architectural Photographer & Assistant
FEB/ 2015 - FEB/ 2019

• Freelance architectural photographer. **Commissioned interior photography** work including full post production of final images for media publication. • **Brand development** including in-house design of customized documents, business cards and a website. • Photography assistant to renowned architectural photographer Edmund Sumner. **On-site assistance** as well as complete and **final post-production** of the images both on-site and remotely.

_LIFSCHUTZ DAVIDSON SANDILANDS - Architect
OCT/ 2015 - MAY/ 2017

• Worked on several projects with a wide variety of scales from **feasibilities to planning applications** focused on architectural development and urban design. • **Project developnent** including the necessary **coordination** with the rest of the teams as well as production of **drawings, 3D models, images and graphic documents**.

EDUCATION

_COMPUTER AND INFORMATION SYSTEMS (BSc.)
SEP/ 2017 - JUN/ 2021

• GOLDMISTHS, UNIVERSITY OF LONDON /Distance Learning. • Graduated with **First Class Honours**. • Develop computer science skills, with a strong background in programming and mathematics, as well as a final year specialization in the fields of **Artificial Intelligence**, **Neural Networks** and **Natural Language Processing**.

_MASTER DEGREE IN ARCHITECTURE (MSc. Arch)
SEP/ 2007 - DEC/ 2013

• UNIVERSITY OF NAVARRA /Higher Technical School of Architecture. • **Architectural design** and **project management** in all areas, from construction detailing to the calculation of structures and services, including other areas such as urban planning, legislation, theory and history.

_SPECIALIZATION IN RESTORATION AND REHABILITATION OF ARCHITECTURE
SEP/ 2011 - JUN/ 2013

• UNIVERSITY OF NAVARRA /Higher Technical School of Architecture. • **Integral development of restoration and rehabilitation projects** ranging from the initial study, survey and restoration of plans, analysis of pathologies and restoration techniques including knowledge in the history of architecture and construction.