



Alexandre Mademochoritis

Date of birth: 1991/12/27 | **Place of birth:** Athens, Greece | **Nationality:** Greek, French |

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EDUCATION AND TRAINING

2023/11/01 – CURRENT Marne-la-Vallée, France

PHD RESEARCHER IN URBAN PLANNING AND SPATIAL PLANNING Université Gustave Eiffel

PhD thesis: *The Socio-technical Materiality of Heat: Thermal Practices and Heat Adaptation Infrastructures in Paris*

Investigates how urban heat adaptation is shaped through the interaction of infrastructures, technologies, policies, and everyday practices. Based on empirical research in Paris, the thesis examines how cooling strategies are designed, implemented, and negotiated across public space, buildings, and social systems.

Website <https://latts.fr/membres/alex-mademochoritis/> | **Thesis** The Sociotechnical Materiality of Heat

2016/10/01 – 2017/06/30 Barcelona, Spain

MASTER IN URBAN PLANNING & DATA ANALYTICS Universitat Politècnica de Catalunya [UPC] Institute for Advanced Architecture of Catalonia [IAAC]

IAAC's Master in City & Technology is a program oriented towards redefining the analysis, planning, and design of twenty-first-century cities and beyond. The program offers expertise in the design of digitally enhanced, ecological and human-centered urban environments by intersecting the disciplines of urbanism and data science. Taking place in Barcelona, the capital of urbanism, the Master in City & Technology is training the professionals that city administrations, governments, industries, and communities need, to transform the urban environment in the era of big data.

Address Pujades 102, 08005, Barcelona, Spain | **Website** www.iaac.net | **Field of study** Urbanism & Data Science |

Final grade 8.7/10 | **Level in EQF** EQF level 7 | **Type of credits** ECTS | **Number of credits** 75 |

Thesis Future Flows. [2016- 2017] - Research on the introduction of self-driving cars in Barcelona and dynamic public space design.

Link <https://www.youtube.com/watch?v=kjncYoLuUU>

2009/09/01 – 2015/06/30 Egaleo, Greece

BACHELOR'S DEGREE, INTERIOR ARCHITECTURE University of West Attica

The purpose of the Department of Interior Architecture is to provide high-quality studies for the training of Interior Architects who will possess high-level knowledge, abilities and skills in the theoretical, artistic, scientific and technological fields, with reference to the formation of space (space planning and object) as an expression of the unity of science and art.

Address Agiou Spiridonos 28, 122 43, Egaleo, Greece | **Website** <https://ia.uniwa.gr/en/home-page/> |

Field of study Architecture & Design | **Final grade** 8.19/10 | **Level in EQF** EQF level 6 | **Type of credits** ECTS |

Number of credits 240 | **Thesis** Cinematic Architecture - Research on the relationship between cinema and architecture

WORK EXPERIENCE

ADMISSIONS MANAGER – INSTITUTE FOR ADVANCED ARCHITECTURE OF CATALONIA (IAAC) – 2022/10/01 –

2023/11/01 – BARCELONA, SPAIN

My tasks were to manage the yearly admissions process of IAAC, set up the systems architecture for the application processes and increase the number of students by working with leads.

INTERNATIONAL EDUCATION PROGRAM COORDINATOR – INSTITUTE FOR ADVANCED ARCHITECTURE OF CATALONIA (IAAC) – 2017/09/09 – 2022/10/01 – BARCELONA, SPAIN

Business or Sector: Education | **Department:** Advanced Architecture Group | **Address:** Pujades 102, 08005, Barcelona, Spain | **Website:** www.iaac.net/mact | **Link :** <https://www.youtube.com/watch?v=kjnacYoLuUU>

My tasks were to coordinate the academic activities for 2 master's programs and 1 study abroad program at IAAC, increase the number of paying students, consolidate their academic structure and nurture collaborations with our local and international teaching faculty.

SKILLS

Q-gis | Adobe Illustrator | Adobe Indesign | Adobe photoshop | Microsoft Word | Microsoft Powerpoint | Microsoft Excel | Google Drive | Gmail | Rhinoceros 3D basic user | Python | Asana | Miro | Microsoft Office | Google Docs | Social Media | Good listener and communicator | Organizational and planning skills | Team-work oriented | Written and Verbal skills | Critical thinking | Strategic Planning | Responsibility | Good time management | Presenting | Flexibility | Reliability | Analytical skills | Ability to Work Under Pressure

LANGUAGE SKILLS

Mother tongue(s): **GREEK** | **FRENCH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
SPANISH	C1	B2	B1	B1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

2022/08/08 – CURRENT

Podcast: The Masterplan

The Masterplan is a podcast that focuses on the analysis, planning, and design of twenty-first-century cities and beyond.

It's produced and created by Alex Mademochoritis and the students of the Master in City and Technology, a research program of the Institute for Advanced Architecture of Catalonia (IAAC) that offers expertise in the design of digitally enhanced, ecological and human-centered urban environments by intersecting the disciplines of urbanism and data science.

The Masterplan is available on Spotify and Anchor.

Link <https://anchor.fm/the-masterplan>

HONOURS AND AWARDS

2016/09/01

Merit-Based Scholarship – Institute for Advanced Architecture of Catalonia

7500€ merit-based scholarship to study at the Master in City and Technology 2016-2017 program at the IAAC.

2011/09/01

Honorable Mention – Arquitectum International Architecture Competition

Loft Boutique - The challenge of the competition was to design a new "Lofts Tower" for a beautiful residential zone in Lima, Peru.

VOLUNTEERING

2015/08/01 – 2015/10/01 Hooke Park, UK

Design & Make Summerbuild Program, Architectural Association School of Architecture

Volunteer work at Hooke Park's Summerbuild Program. Assisted in the timber construction of the Woodchip Barn.

● DRIVING LICENCE

Driving Licence: B

● TEACHING EXPERIENCE

2017/10/01 – CURRENT

Tutor at the Institute for Advanced Architecture of Catalonia

At IAAC I've taught the following courses:

- Master in City & Technology: [Theory of Cities Seminar](#) (2021-2023)
- Master in City & Technology: [Computational Urban Design Seminar II](#) (2019)
- Master in City & Technology: [Computational Urban Design Seminar II](#) (2020)
- Master in City & Technology: [Internet of Buildings Studio](#) (2018)
- Master in City & Technology: [Internet of Buildings Studio](#) (2019)
- Master in City & Technology: [Urban Data Analytics Seminar](#) (2018)
- IAAC Precourses: QGIS - Cartography and Urbanism (2018-2023)

I've been Faculty Assistant in the:

- Master in City & Technology: [Designing with Fluxes Studio](#) (2017)

● RESEARCH ACTIVITIES

2022/07/01 – 2022/08/01

JASPERS Sustainable Mobility Report

Role: Principal Investigator representing IAAC's AAG

JASPERS (Joint Assistance in Supporting Projects in European Regions) is a technical assistance partnership between the European Commission (EC) and the European Investment Bank (EIB). JASPERS advises public authorities and final beneficiaries on how to plan, develop and implement high-quality projects in the fields of transport, water and wastewater, energy, solid waste and smart development, to be co-financed by European Structural and Investment Funds (ESIF).

The overall objective of this project was to gain a better knowledge on key issues regarding regional mobility in Spain, Portugal and Italy.

In collaboration with Mobility in Chain and the University of Lisbon, IAAC was contracted as the local expert for Spain. I was the principal investigator in charge of providing data collection services for the study area of Canary Islands and Andalusia on the following:

1. Best practices in sustainable mobility (within the region).
2. Census data at the municipal scale.
3. Travel data & user behavior.

2020/05/01 – 2020/06/01

Mapping Spain's Healthcare System

Project Leader: Dr. Areti Markopoulou

Research and Coordination: Alex Mademochorits

Data Visualisation: Iacopo Neri

At IAAC's Advanced Architecture Group's Big Data Urbanism team we explored the pandemic outbreak in Spain by creating a series of maps, visualising Spain's hospital infrastructure, its risk areas, the optimum routes to hospitals according to where one is located as well the number of ICUs per affected habitat in one area.

Link https://rpubs.com/IAAC_MaCT

● PARTICIPATIONS

2021/11/11 – 2021/11/12

Moderator at Responsive Cities Symposium 2021: Design with Nature

Moderator: Design & Adapt roundtable discussion moderator at IAAC's Responsive Cities Symposium 2021

2021/10/28 – 2021/10/28

Presentation at The Conscious Cities Festival

Presentation: Urbanism & Big Data presentation at the Barcelona Chapter of the Centre for Conscious Design, a round table examining the topic of Living Cities through the work of practitioners, academics, researchers, and entrepreneurs.

2019/05/14 – 2019/05/17

Project Exhibition and Presentation at Barcelona Building Construmat 2019

Project Exhibition and Presentation: Internet of Buildings Model and Presentation at Barcelona Building Construmat 2019 Exhibition.

● **MANAGEMENT AND LEADERSHIP SKILLS**

Leadership and Project Management

As a leading member of the AAG's Architecture and Urban Data department and a program coordinator for the last 5 years I've developed my skills in managing complex stakeholders in an environment with tight deadlines. Every year I coordinated with close to 30 different tutors in-between 3 different programs, most of them usually coming from different backgrounds and countries, doing research on different topics. In an environment like this you learn to be efficient while at the same time keeping a close eye on the satisfaction of both the students and tutors and the quality of the work that is produced.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Excellent communication skills

As an educator, researcher and program coordinator one of my main interests has been to communicate complex subjects to broad audiences. Whether it's through lectures, conferences, publications, video making, or podcasts I'm always interested in my work reaching out to people outside of the academic confines.