ASMA ATEF MOHAMED OTHMAN

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LinkedIn

QUALIFICATIONS

KING'S COLLEGE LONDON, London, UK   **10/2024 – Present**
PhD in Digital Sustainability "Governance mechanisms for responsible AI: Mitigating AI's environmental and societal risks"
Department: Strategy, International Management and Entrepreneurship - King's Business School

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE, London, UK   **09/2021 – 09/2022**
MSc in Social Innovation and Entrepreneurship (Distinction)
Dissertation: *Investigating the Socioeconomic Impact of Investments in Artificial Intelligence for Development AI4D in Egypt*

ALEXANDRIA UNIVERSITY, Alexandria, Egypt   **09/2015 – 12/2020**
MSc in Architectural Engineering (minor: Urban Planning) (GPA 3.58)
Dissertation: *The impact of accessibility attributes to waterfronts on human well-being. Case study: Alexandria, Egypt.*

ALEXANDRIA UNIVERSITY, Alexandria, Egypt   **09/2010 – 07/2015**
BSc Honors in Architectural Engineering (minor: Urban Planning) (Final Percentage: 83.24%- first on class)

RESEARCH PROJECTS

London School of Economics and Political Sciences, London, UK   **09/2021 – 05/2022**
Graduate Consultant: Mathare Peace Initiative MPI, Kenya
- Designing and developing an entrepreneurial program for sustainable business and investment.
- Primary data collection through interviews with officials, stakeholders and users - Qualitative analysis

Alexandria University, Alexandria, Egypt   **01/2020 – 07/2020**
Field research – part of the dissertation
- Collected primary and secondary data and used quantitative methods: sampling, survey design (online and in-person), data collection, statistical analysis (regression design) and spatial analysis (GIS).

ACADEMIC & POLICY WORK EXPERIENCE

KING's COLLEGE LONDON - KING's BUSINESS SCHOOL   **10/2024-12/2024**
Graduate Teaching Assistant: Business Ethics and Sustainability
- Delivered tutorials and online support including guidance for undergraduate and postgraduate project work, under academic supervision.
- Prepared teaching materials, marked assessments, and provided timely, constructive feedback to students through 1-1 support and virtual platforms.
- Participated in training, managed course administration, and collaborated with academic staff on module delivery and development.

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT OECD.   **01/2024-02/2025**
Junior Policy Analyst: Policy Coherence for Sustainable Development Unit.
- Supporting countries' institutional mechanisms for delivering on the Sustainable Development Goals in a

coherent and integrated manner
- A contact point with country officials and other stakeholders as well as with other OECD Divisions.
- Conducting desk research and an assessment against the OECD PCSD Recommendation.

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT OECD   10/2022-07/2023
Consultant: Policy Coherence for Sustainable Development Unit.
- Supported projects conducted in Luxembourg, Slovakia, and Romania to advise and strengthen capacity of governments to design and implement coherent and integrated policies that tackle sustainable development challenges.
- Supported the project for Africa with the APRM and GIZ aiming to provide national policy advice, capacity building, and tools on policy coherence for sustainable development.
- Supported the EU TSI-funded OECD project in Malta to identify institutional settings and policy actions in view of enhancing synergies across the sustainable blue economy sector.

ARAB ACADEMY FOR SCIENCE, TECHNOLOGY AND MARITIME TRANSPORT   02/2016-09/2021
Assistant Lecturer and Teaching Assistant: Department of Architectural Engineering and Environmental Design
- Supported teaching several undergraduate courses such as Sustainability, Creativity and Innovation, Urban Design and Planning, and Computer Aided Design Programs.

PUBLICATIONS AND WORKING PAPERS

- Othman, A., Al-Hagla, K., & Hasan, A. E. (2021). The impact of attributes of waterfront accessibility on human well-being: Alexandria Governorate as a case study. Ain Shams Engineering Journal, 12(1), 1033–1047. https://doi.org/10.1016/j.asej.2020.08.018
- Othman, A. (2018). Energy consumption benchmarking on residential sector towards conserving energy, case study: Smouha Neighborhood, Alexandria, Egypt. Alexandria (Working Paper).
- Othman, A. (2016). An analytical study of mosque square as an extension of its physical and spiritual role. The First International Conference on Mosque Architecture, 1–12. Retrieved from https://www.academia.edu/41012772/An_Analytical_Study_of_Mosques_Squares_as_an_Extintion_of_its_Physical_and_Psychological_Role

NON-ACADEMIC WORK EXPERIENCE

STEMLABS AND SWAN STUDIO, Alexandria, Egypt   **05/2021-11/2023**
Project Manager
- Two technology startups based on Egypt aim to provide remote consultancy services in engineering and technology to maximize environmental and social impact for sustainable development in built environment.
- Developed short and long-term strategy and direction for the business including the products' roadmap and differentiated value proposition.
- Managed the implementation of start-ups' plans.
- Represented start-ups at some virtual international events and partnerships.

PARTNERSHIP OF MICROSOFT AND TECH4DEV (WOMEN TECHSTERS INITIATIVE)
                                                                                May. 2021 – June. 2021
- Facilitator: To bridge the digital and technology divide and ensure equal access to opportunities for women across Africa.
- Supported over 60 African women in developing their digital skills for project and product management.
- Planned, designed, and modelled effective learning environments and multiple experiences supported by technology.
- Recommended changes to the existing training curriculum by providing feedback to the Technical Learning Delivery Manager or Lead Facilitator.

H.A. ARCHITECTURE AND PLANNING STUDIO, Alexandria, Egypt   **07/2015-08/2015**
Urban Planner
- Contributed in preparing urban designs and urban plans for eco-heritage projects in Cairo and New Valley, Egypt.
- Analyzed and reported the current status of each project (Census data, economic reports, and environmental studies).
- Prepared urban intervention schemes and reports.

FUNDING AND AWARDS

KING'S BUSINESS SCHOOL DOCTORAL STUDENTSHIP, fully covered PhD studentship for students with outstanding research potential, 2024-2028, UK.

CHEVENING SCHOLARSHIP, Master's degree scholarship for outstanding emerging leaders, 2021, UK.

APORDE, A high-level training program by The South African Department of Trade, Industry and Competition (the dtic) and Trade and Industrial Policy Strategies (TIPS), Johannesburg, South Africa, September 2023.

START-UP POWER COMPETITION, One of the 50 winners across Egypt in developing the best technological entrepreneurial projects in supporting the green economy and artificial intelligence, Egypt, Feb. 2023.

FISHBOWL COMPETITION, one of the best 100 entrepreneurial ideas across Africa, Europe and America in Fishbowl Challenge, 2019.

FIRST ON CLASS AWARD, BSc, awarded two times, Alexandria University, 2014, 2015, Egypt.

INTERNSHIPS & VOLUNTEERING

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT OECD
Intern in Policy Coherence for Sustainable Development Unit PCSD   **03/2022 – 09/ 2022**

MICROMENTOR   **02/2020 – 08/2020**
Volunteered as a Business Mentor: Provided technical guidance and consultations for 23 entrepreneurs and business owners to support the growth and development of their businesses.

LANGUAGES
Arabic (native), English (proficient)

SOFTWARE SKILLS
Python, SQL, PyTorch, Latex, STATA, NVivo, GIS, AutoCAD, and Microsoft Office suite (Microsoft Word, Excel, and PowerPoint).

INTERESTS
AI technologies; AI Governance; Sustainable business; Innovation strategy