

Raneem Taha

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EXPERIENCE

General Manager

Scholar Publishing Technology

June 2024 - Present, Online

- Provided customized editorial services for academic and scholarly publications.
- Led logo design and branding initiatives, ensuring alignment with company identity, and enhancing client recognition.
- Acted as the main client contact, ensuring clear communication and managing accurate, timely invoicing.

Research Assistant

Khalifa University

August 2022 - May 2024, Abu Dhabi

- Extracted and mapped city spatial data into GIS and ran street network analysis.
- Performed literature reviews and designed data studies.
- Conducted site visits to document conditions, collect surveys, and perform interviews.
- Gave workshops and filmed tutorials to aid students in using analysis and graphical representation software.

Listing Coordinator

Unique Homes Worldwide Properties

April 2022 - August 2022, Abu Dhabi

- Conducted market analysis to ensure listing prices are well researched.
- Negotiated with buyer's agents to achieve the best possible deal for client.
- Provided options and alternatives to leads and potential buyers in a timely fashion.

Freelance Researcher

Dr. Majd Musa

September 2020 - August 2022, Online

- Conducted literature review on several research topics encompassing architectural education and urban planning and design.
- Designed survey questionnaires to collect relevant information for research.
- Wrote and presented a paper in Architecture-Media-Politics-Society's "A Focus on Pedagogy" conference in April 2022.

Engineering Intern

Dhabi Contracting L.L.C.

January 2021 - February 2021, Abu Dhabi

- Interned on-site under the architecture team at Dhabi Contracting's Waterfront Project
- Prepared AutoCAD landscape construction sections and details, as well as cladding coordinated drawings, based on available architectural, structural, construction, MEP, and supplier drawings
- Edited available site hardscape plans and indoor tiling plans to ensure best fit satisfying material dimension

Student Assistant

University of Sharjah

December 2019 - March 2022, Sharjah

- Conceptualized and developed a new design to turn the university foyer into a walking exhibition.
- Prepared working drawings, sketches, and renders depicting design.
- Met and coordinated with the university's facilities and planning department to ensure satisfaction with output.

RESEARCH AND DEVELOPMENT PROJECTS

Public-Private Urban Growth in Abu Dhabi and Dubai

- Conducted a thorough survey of Abu Dhabi and Dubai's urban growth factors including population, land mass and distribution, GDP, and real-estate transactions as measures, consulting various governmental officials and private institutions for resources.
- Assessed Abu Dhabi and Dubai real estate data for the years 2023 and 2024 in relation to emerging public policies and growth plans.
- Used GIS software to map new private developments in Abu Dhabi and Dubai and extracted samples to track the progression of urban form in national neighborhoods and freezones and freeholds.

Navigating the Network: Comparing Modular and Non-modular Neighborhoods for Better Pedestrian Flow

- Used GIS software to extract 28 samples from Abu Dhabi and Dubai.
- Conducted all-to-all PRD analysis and extracted morphological data from each sample.
- Worked on python to develop and modify OSMnx code to calculate the street orientation order of the GIS samples and extract their rose diagrams.
- Performed statistical analysis to determine level of correlation between street orientation order, PRD, and morphological attributes.

Everyday Urbanism in the UAE's Alleyways

- Went on site visits to 34 neighborhoods in Abu Dhabi and Dubai to observe alleys in previously marked samples.
- Surveyed alleyways and collected photographic images along with notes to categorize alleys according to their level of intervention.
- Held interviews with members of the community to record the significance and utilization of alleys in their daily life.

How Alleyways Shape Cities

- Conducted literature review to categorize and quantify how alleyways are mentioned and utilized in urban studies.
- Extracted six samples from 50 global cities of varying network typologies and urban progression.
- Utilized GIS tools and aerial imaging to map the alleyways of the 300+ samples extracted.
- Extracted the morphological attributes of the samples' streets, alleys, and combined streets and alleys networks.

Alleys, the Future of Walkability in Suburbs

- Explored how alleyways contribute to walkability in Abu Dhabi and Dubai's suburbs, taking 15 samples from each city for analysis.
- Utilized the UNA-toolbox on Rhino to calculate the betweenness centrality of street segments before and after the addition of alleys to the network to understand how alleys influence movement.
- Categorized alley attributes to develop a guideline determining how alleys compensate for or complement street segments.

Leasing Trends Across Abu Dhabi

- Conducted literature review to determine the major factors impacting rental prices in the general international context.
- Used data scrapping to extract rental properties across 7 neighborhoods in Abu Dhabi, retaining information on their location, availability of amenities, number of bedrooms, area, and view.
- Went on site visits to catalogue and photograph the difference in the neighborhood identity and features.
- Imported the rental data to GIS, mapped public realm features, and categorized street hierarchy.
- Ran PRD analysis to determine the accessibility of units to public facilities.
- Performed statistical analysis to determine which of the studied factors has the most significant impact on rental price.
- Produced visual maps to underscore the relationship between rental prices and surrounding services.

PUBLICATIONS

Journal Article: Navigating the network: Comparing modular and non-modular neighborhoods for better pedestrian flow.

Cities, Volume 157 • November 2024 (*Top 2 percentile journal*)

• Author(s): Khaled Alawadi, Rim Anabtawi, Raneem Taha.

Journal Article: Alleys, the future of walkability in suburbs.

Case Studies on Transport Policy, Volume 15 • December 2023

• Author(s): Khaled Alawadi, Nour Alkhaja, Raneem Taha, Kholoud Almemari.

Conference Proceedings: Architectural design jury under COVID-19: The case of graduation projects at a university in the UAE

A Focus on Pedagogy, AMPS Proceedings Series 28.1 • April 2022

• Author(s): Majd Musa, Raneem Taha.

EDUCATION

Master of Science in Sustainable Critical Infrastructure

Khalifa University • Abu Dhabi, UAE • 2024 • GPA: 4.00

- Awarded full scholarship to complete my degree while working as a research assistant.
- Completed thesis titled: Alleys, The Future of Walkability in Suburbs: Insights for Planning Practice from Abu Dhabi.

Bachelor of Science in Architectural Engineering

University of Sharjah • Sharjah, UAE • 2021 • GPA: 3.90 (*highest honors*)

- Senior project titled "Reimagining the Urban Park" explored how urban parks in the UAE could be revitalized to strengthen their role as a public space.

INVOLVEMENTS

Graphic Designer

Khalifa University • Urban Research Studio • August 2022 – May 2024

- Planned and designed social media posts to showcase research findings and achievements.
- Developed graphical illustrations to support research papers.
- Conducted site visits to photograph urban and architectural settings for academic research.

Press Team Leader

University of Sharjah • Sharjah Architectural Student Association (SASA) • August 2020 – July 2021

- Initiated, designed, and launched SASA's first official website through WIX.
- Led and oversaw the department's news team to produce content, newsletters, emails and conduct interviews.
- Utilized the website to recommend valuable architecture-oriented literature to students.

Public Relations Manager

University of Sharjah • Sharjah Architectural Student Association (SASA) • August 2019 – August 2020

- Handled all SASA correspondence with students, faculty, and the external community.
- Assisted in organizing SASA events by inviting and corresponding with guests, securing clearances, and ensuring the smooth run of the day.
- Represented the University of Sharjah's Architectural Engineering Department and SASA in the 10th edition of the World Urban Forum held in Abu Dhabi 2020, showcasing department achievements and networking with attendees.

SKILLS

Software Skills: Adobe Creative Suite, ArcGIS, Rhino 3D, Grasshopper, Revit, AutoCAD, Sketchup, Dialux Evo, Tableau, MS Office

Analytical Skills: Data Interpretation, Data Collection, Data Analysis, Statistical Modelling, Graphical Representation