

ABDELAZIZ J. A. AWAD

Architect & Computational Designer | 22 Mar 2002
Abdelaziz.awad.24@ucl.ac.uk | Palestinian

EDUCATION

- 2024 - 2025** • **Master of Science in Architectural Computation (MSc)**
London, UK The Bartlett School of Architecture, University College London (UCL)
- Modules :**
- Design as a Knowledge-Based Process, Computational Analysis, Computational Synthesis, Digital Studio, Morphogenic Programming, Digital Ecologies, Built Environment Dissertation, Introduction to Programming for Architecture and Design
- Academic Achievements :**
- Award: Merit
 - Architectural Computation Student Representative
- 2019 - 2024** • **Bachelor of Architecture (BArch) (5-Year Degree / 170 Credit Hours)**
Ajman, UAE Ajman University (AU)
- Academic Achievements :**
- GPA 3.89/4.00 - Jun 2024
 - Excellent with Honors - Jun 2024
 - Best Overall Student at College Student Awards - Mar 2024
 - AU Honors Assembly / Gold Medal - Feb 2020 & 2021
 - AU Honors Assembly / Bronze Medal - Feb 2023

PROFESSIONAL EXPERIENCE - INDUSTRY

- Jun 2025 - Present** • **Researcher**
London, UK Studio Tim Fu
- Apr - Aug 2023** • **Architectural Design Intern**
Amman, Jordan Dar Al Omran - Rasem Badran
- Feb 2023** • **Independent Work**
Tulkarm, Palestine Dental Clinic Interior Design (Built), Tools used: Revit, 3DS Max, Corona Render
- Jan 2023** • **Independent Work**
Tulkarm, Palestine Residential Building Design (Under Construction), Tools used: Revit, AutoCAD, Lumion
- Apr - Aug 2022** • **Architectural Design Intern**
Amman, Jordan Dar Al Omran - Rasem Badran

SKILLS & SOFTWARE

C#●●●●●○○○○○	Rhino●●●●●●●○○○	Vray●●●●●○○○○○
Python●●●○○○○○○○	Revit●●●●●●●○○○	KeyShot●●●●●○○○○○
Grasshopper●●●●●●●○○○	3DS max●●●●●●○○○○	Lumion●●●●●●●○○○
Dynamo●●●●●○○○○○	Cinema 4D●●●●○○○○○○	Adobe Photoshop●●●●●●●○○○
Unity●●●●●○○○○○	AutoCAD●●●●●●●○○○	Adobe Illustrator●●●●●●●○○○
TouchDesigner●●●●●○○○○○	Corona Render●●●●●●○○○○	AI Tools●●●●●●●●●○

PROFESSIONAL EXPERIENCE - ACADEMIA

- 2024 - 2025 ● **Architectural Computation Student Representative**
 London, UK The Bartlett School of Architecture, University College London (UCL)
- May 2024 ● **Guest Juror during Academic Tour to Oman**
 Muscat, Oman Scientific College of Design

 - Participated as a guest juror for design projects at partner institutions in Oman during an academic tour organized by Ajman University.
- Apr - Aug 2023 ● **Part-Time Teaching Assistant (CAAD 2 Rhino & Grasshopper)**
 Ajman, UAE Ajman University

 - Assisted in teaching the Rhino and Grasshopper course to 2nd-year architecture students, focusing on parametric design and computational modeling techniques.
- Dec 2023 ● **Workshop Presenter - Rhino (Climate Studio) Workshop**
 Ajman, UAE Ajman University

 - Conducted a workshop on Rhino and its integration with Climate Studio, focusing on environmental analysis and performance-based design.
- 2022 - 2023 ● **Peer Tutor**
 Ajman, UAE Ajman University

TALKS

- Sep 2026 ● **Main Speaker: "From Data to Decision: Generative AI & Spatial Intelligence in Real Estate"**
 Madrid, Spain The District Show
- Jan 2026 ● **Main Speaker and Workshop Presenter: "Applied AI Workflows for Urbanism"**
 Ajman, UAE Ajman International Urban Planning Conference
- Jan 2026 ● **Main Speaker: "Architecture in the Age of Artificial Intelligence"**
 Online Talk Love That Design and ArchiNet
- Aug 2025 ● **Main Speaker: "Designing with Intelligence: Crafting Architecture Through Human-AI Collaboration"**
 Online Talk Boston Society for Architecture

Publications and Features

- Aug 2026 ● **"Digital Energy and Daylight Evaluation of Khan Alwakaleh Caravanserai"**
 Research Paper - Under Review
- Jul 2026 ● **London Creates 2026 Exhibition**
 London, UK Archisource
- Jun 2025 ● **"Machine Learning-Based Indexing for 2D MEP Drawings"**
 Delft, Netherlands Research Paper - Published
- Mar 2025 ● **"Retrofit Design for Climate Resilient Housing: Strategies for Architectural Adaptation to Climate Change"**
 Research Paper - Published
- Oct 2024 ● **Portfolio Cover Featured in "The Architect's Pocket Guide to Portfolio Design"**
 By Zuzana Kubišová, Published by Routledge

Competitions

- Jun 2024 • **Silver RIBA Medal Nomination**
 London, UK
 Royal Institute of British Architects

- Nominated as one of two candidates from Ajman University for the prestigious Silver RIBA Medal, recognizing excellence in architectural design.
- Dec 2023 • **Participated in the Venice Biennale of Architecture Competition**
 Venice, Italy
 Venice Biennale 2024
- Dec 2023 • **Participated in the Legacy Lounges Design Competition**
 Ajman, UAE
 Etihad Water and Electricity

Certifications & Workshops

- Oct 2024 • **Robotic Simulation and Digital Manufacturing with Grasshopper**
 Online Workshop
 DigitalFUTURES 2024
- Jul 2024 • **Biotic Vessels V1.0**
 Online Workshop
 DesignMorphine
- Dec 2023 • **Excellence and Creative Engineering Award (2023)**
 Ajman, UAE
 Society of Engineers, UAE
- Jul 2023 • **Autodesk Certified Professional with Honors : Revit for Architectural Design Exam Prep**
 Online Course
 Coursera
- Jul 2023 • **Synthetic Architecture: AI-Generated Design Explorations**
 Online Workshop
 DigitalFUTURES 2023
- May 2023 • **Harmonious Towers V1.0**
 Online Workshop
 DesignMorphine
- Apr 2023 • **Get Started with Adobe Illustrator**
 Online Course
 Coursera
- Jan 2023 • **Al Zorah Architects Day Tour & Workshop**
 Ajman, UAE
 Al Zorah Architects
- Sep 2023 • **Best Intern at Dar Al Omran**
 Amman, Jordan
 Dar Al-Omran Company
- Dec 2022 • **Introduction to Computational Design using Autodesk Dynamo**
 Online Workshop
 DigitalFUTURES 2022