

Aden Kumary

Architect, Environmental Designer, PhD Student

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[LinkedIn](#) | [Website](#) | [Portfolio](#)

EDUCATION

University of Cambridge 2024-2028

PhD in Architecture (**Ongoing**)

A research degree in architecture with a particular focus on thermal resilience, Urban heat, and energy efficiency of buildings and cities within the tropics.

Dissertation: Adaptability of buildings and cities to High stress temperature: A thermal resilience evaluation of Nairobi city.

University of Cambridge July 2024

Masters of Philosophy in Architecture and Urban studies (**Distinction**)

Dissertation: McDonaldization of African cities and its effects on urban heat and energy inequality: A multi-modal evaluation of Nairobi-Kenya.

University of Nairobi 2017-2019

Bachelor of Architecture (**First class honours**)

Thesis: The impact of building envelope on indoor thermal performance in hot semi-arid (savannah) climate: The case of Kajiado south.

University of Nairobi 2013-2017

Bachelor of Architectural studies (**First class honours**)

WORK EXPERIENCE

Architect 2021-2023

Bowman Associates Architects

Nairobi-Kenya | <https://baa-architects.com/>

Handled projects through every phase, from conceptual design to Contract administration and handover, utilizing AutoCAD, SketchUp, and ArchiCAD across various sectors e.g. retail, residential, and mixed-use development. Coordinating with client, consultants, engineers, and contractors for seamless implementation.

Graduate Architect 2019-2021

Scope Design Systems

Nairobi-Kenya | <https://scopedesigns.co.ke/>

Contributed to conceptualizing ideas and took part in the development of design concepts by modelling multiple iterations. I created and produced presentation drawings, architectural renders, and working drawings. I designed, managed contract administration, supervised, and satisfactorily handed over the project.

Graduate Assistant **2020-2021**
University of Nairobi
Co-tutored 2nd-year design studio. Prepared and delivered construction technology study notes for the 3rd year. Gave lessons on various CAD softwares e.g. SketchUp, Archicad & Autocad

ACHIEVEMENTS & AWARDS

Africa ChangeMakers Scholarship **2024**
A full scholarship to pursue a PhD in Architecture at the Department of Architecture, University of Cambridge

Kettles Yard Travel Scholarship **2024**
£1000 worth travel grant to carry out research on energy consumption of office buildings in Nairobi city

Mastercard Foundation Scholarship **2023**
A full scholarship to pursue a master of architecture and urban studies at the Department of Architecture, University of Cambridge.

Alexander Pike Prize **2024**
University of Cambridge
The Alexander Pike prize is awarded to the MPhil student whose dissertation best demonstrates the philosophy and practice of sustainable building technology.

Jennings Prize **2023**
Wolfson college-Cambridge
Awarded to the MPhil student who pass with distinction.

Gandi Smarak Nidhi Trust Fund **2021**
Valedictorian
Best overall student in the whole University (2018/2019)
Best overall student in the department of Architecture (2018/2019)

Basco Awards Of Excellence University Of Nairobi **2017**
For academic excellence in Bachelor of architectural studies academic year 2016/2017

Kenya Urban Roads Authority **2017**
2nd Position in the design competition of Modern footbridges and related non-motorised traffic facilities. A pedestrian friendly design that will encourage use of footbridge and reduce associated traffic mortality

Slum Architects Association **2017**
Successful completion of Happy promotion centre at Mukuru Kwa Njenga, Under Prof. Saori Imoto, Ass. Professor At department of Architecture/Urban Redesign studies unit, The University of Tokyo.

PROFESSIONAL AFFILIATIONS

Board of Registrations for Architects & Quantity Surveyors Kenya (BORAQS) 2022
Registered Architect, No. A1975.

Architectural Association of Kenya 2016
Graduate member, Registration No. 4346.

EXHIBITIONS & WORKSHOPS

Commonwealth Association of Architects(CAA) 2016 & 2019
Portfolio presentation at the Commonwealth Association of architects.

Beyond Architecture 2022
A one day exhibition at the ADD building, University of Nairobi that Intended to showcase Architecture students works outside the studio's.

AAK Annual Convention 2022
Attended and made poster a presentation at convention themed looking back, Moving forward. It focused on the achievements in the natural and built environment as well as forges way forward in the industry.

Countryside:Future of the World 2018
A two day research workshop in Voi town under Architect Rem Koolhaas that examines radical changes transforming the non-urban landscape, this exercise culminated in an exhibition at the Solomon R. Guggenheim Museum, New York, opening fall 2019.

East Africa Digital Construction
Attended a and presented in a convention themed looking back, Moving forward it looked at the achievements in the natural and built environment as well as forges way forward in the industry.

Cambridge Postgraduate Research Symposium for African Scholars
I was honored to receive the Best Poster Award for my poster presentation.

PUBLICATIONS

McDonaldization of cities and its effect on urban heat & energy inequality- Nairobi
MPhil Dissertation 2024

Assessing The Impact of Urban Densification on Heat Intensity: A Case of 5 Nairobi City
Neighbourhoods. 2024

McDonaldization of African cities 2023

The impact of building envelope on indoor thermal performance in hot semi-arid (savannah)
Climate: the case of Kajiado south. 2018

LEADERSHIP ROLES

African Society of Cambridge Univeristy (ASCU) 2025- 2026
Served as the Communication Officer for one year.

Architecture Student Association(ASA)-University of Nairobi
Served as the vice president of ASA for one year.

2017- 2018

Youth Leader A.I.C Ormisigiyoi Mission Church

2018

I was a youth leader and a volunteer architect offering pro bono services for this mission church that is involved in development of kindergarten, Dispensaries and church in rural villages in Kajiado south

SOFTWARE & SKILLS

Archicad	● ● ● ● ●
Autocad	● ● ● ● ●
Sketchup	● ● ● ● ●
Revit	● ● ○ ○ ○
Lumion 3D	● ● ● ● ●
D5 Render	● ● ● ○ ○
Indesign	● ● ● ● ○
Photoshop	● ● ○ ○ ○
QGIS	● ● ● ○ ○

SOCIAL MEDIA



Behance

<https://www.behance.net/Adenkumary>



LinkedIn

<https://www.linkedin.com/in/adenkumary/>



Issuu

<https://issuu.com/adenkumary>



Twitter

<https://twitter.com/Adenkumary>

REFEREES

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University of Nairobi
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Arch.Michael Onyoyo
Architect | Lecturer
Technical University of Kenya
michael.onyoyo@tukenya.ac.ke

Prof.Ronita Bardhan
Professor of Sustainable Built Environment
University of Cambridge
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