

# 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 2<sup>nd</sup>-year design studio. Prepared and delivered construction technology study notes for the 3<sup>rd</sup> year. Gave lessons on various CAD softwares e.g. SketchUp, Archicad & Autocad

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**ACHIEVEMENTS & AWARDS**

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**Africa ChangeMakers Scholarship****2024**

A full scholarship to pursue a PhD in Architecture at the Department of Architecture, University of Cambridge

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**Kettles Yard Travel Scholarship****2024**

£1000 worth travel grant to carry out research on energy consumption of office buildings in Nairobi city

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**Mastercard Foundation Scholarship****2023**

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

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**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.

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**Jennings Prize****2023****Wolfson college-Cambridge**

Awarded to the MPhil student who pass with distinction.

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**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)

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**Basco Awards Of Excellence University Of Nairobi****2017**

For academic excellence in Bachelor of architectural studies academic year 2016/2017

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**Kenya Urban Roads Authority****2017**

2<sup>nd</sup> 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

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**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.

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## PROFESSIONAL AFFILIATIONS

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

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

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## EXHIBITIONS & WORKSHOPS

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

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**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.

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**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.

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**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.

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**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.

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

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## PUBLICATIONS

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

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

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McDonaldization of African cities 2023

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

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## LEADERSHIP ROLES

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

## Architecture Student Association(ASA)-University of Nairobi

2017- 2018

Served as the vice president of ASA for one year.

## 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

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

### SOCIAL MEDIA

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**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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Arch.Michael Onyoyo

Architect | Lecturer

Technical University of Kenya

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Prof.Ronita Bardhan

Professor of Sustainable Built Environment

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