BAYO WINDAPO

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Email: bayo@onile.ai

EXPERIENCE

Onile, Founder
August 2020 - Current, Cape Town

Archithera, Founder
May 2023 - March 2024, Cape Town

BPAS Architects, BIM Lead and Technology Developer
May 2023 - March 2024, Cape Town

School of Explorative Architecture , Design Assistant Lecturer - Part-time
April 2023 - Current, Cape Town

Cad4All, Ad-Hoc Lecturer Computational Design - Part-time
Februrary 2023 - Current, Cape Town

BPAS Architects, Architect and BIM Coordinator
January 2022 - May 2023, Cape Town

University of Cape Town, BAS 3 Design and Technology Assistant Lecturer
August 2021 - December 2022, Cape Town

Wolff Architects, Associate Architect
December 2019 - Decemeber 2021, Cape Town

Wolff Architects, Architect
September 2018- current, Cape Town

Wolff Architects, Candidate Architect
January 2016 - September 2018, Cape Town

Wolff Architects, Candidate Architectural Technician
December 2012 - December 2013, Cape Town

EDUCATION

Professional Architect
South African Institute of Architects (SACAP) Professional Practice Examination, 2018

Masters of Architecture (Professional) with distinction in masters thesis
University of Cape Town, 2015

Bachelor of Architectural Studies (Honours)
University of Cape Town, 2014

Bachelor of Architectural Studies
University of Cape Town, 2010 - 2012

Matric Degrees (WAEC, NECO & Cambridge O - Levels)
Babington Macaulay Junior Seminary, Lagos Nigeria, 2008

COURSES + CERTIFICATIONS

Dynamo for Revit: Coding New Nodes with C#
Design Tech Unraveled, June 2024

BIM: Building Information Management
Operam Academy, May 2024

Grasshopper and Rhino: Python Scripting
LinkedIn, March 2024

Python Basics for Data Science
IBM, December 2023

Grasshopper Advanced
Archistar.ai, August 2023

Developing Cloud Native Applications
IBM, April 2023

Introduction to Cloud Development with HTML, CSS, and JavaScript
IBM, November 2022

Cloud Computing Core
IBM,September 2022

Revit Generative Design
LinkedIn, September 2022

Rhino Essentials
Archistar.ai, August 2022

Python Data Structures
edX, August 2022

Dynamo Advanced Certificate
Archistar.ai, May 2022

Basic Python Scripting for Dynamo Geometry BIM
Udemy, December 2021

Autodesk Certified Professional in Revit for Architectural Design
Autodesk, November 2021

Programming for Everybody (Getting Started with Python)
edX, November 2021

SANS10400XA - The Application of the National Building Regulations for Energy Usage in Buildings
University of Cape Town, 2014

SKILLS

SOFTWARE

Revit	●●●●●		Grasshopper	●●●●○
Dynamo	●●●●●		Rhino	●●●●○
Python	●●●●○		Photoshop	●●●●○
Lumion	●●●●●		Illustrator	●●●●○
AutoCAD	●●●●○		InDesign	●●●○○
Recap	●●●○○		After Effects	●●○○○
ArcGIS	●●●○○		Microsoft Office	●●●○○
Sketchup	●●●○○		Premiere Pro	●●●●○
Csharp	●●●●○			

REFERENCES

Heinrich Wolff
Principal - Wolff Architects
Tel: 021 422 3803   email: info@wolffarchitects.co.za

Kevin Fellingham
Senior Lecturer and Practitioner - University of Cape Town, Kevin Fellingham Architects
Tel: 072 807 4927   email: kevin@kevinfellingham.com

Temba Jauch
Principal - Jauch Architects
Tel: 071 503 2644   email: info@jaucharchitects.co.za

GUEST LECTURES AND CONFERENCES

Western Cape Property Development Forum, *Archithera Company Launch*
June 2023, Cape Town, South Africa

University of Cape Town, *Technology in Construction CEM Lecture*
September 2023, Cape Town, South Africa

Cape Peninsula University of Technology, *What's Next Lunch Time Lecture*
September 2023, Cape Town, South Africa

Mangosuthu University of Technology, *Expo for Future Building Professionals*
December 2023, Durban, South Africa

ARTICLES & PUBLICATIONS

Bahá'í House of Worship DR Congo Tiling Automation
https://dynamobim.org/baha%ca%bci-house-of-worship-dr-congo-tiling-automation/

Master's Thesis - Social Infrastructures
https://open.uct.ac.za/handle/11427/18711

Future CapeTown - How to live and work with water in the future city
http://futurecapetown.com/2015/09/future-lagos-living-with-water/#.XA_xX2gzZhE

Building Services Study Guide
https://open.uct.ac.za/handle/11427/4143