Aboubak Diarra

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Professional Profile

Architecture and built environment professional with experience in Revit documentation, schematic design, drawing coordination, site follow-up, and building science. I have supported residential, civic, and sustainable construction projects by coordinating drawing packages, consultant inputs, site observations, and technical deliverables. I bring strong Revit production skills, construction awareness, and climate-responsive design thinking to support architectural teams through documentation, detailing, and project delivery.

Education

Toronto, Canada
2023 - 2026

University of Toronto — John H. Daniels Faculty of Architecture, Landscape, and Design
Master of Architecture

- Thesis: Circular Material Systems, Adaptive Housing & Material Futures

Kumasi, Ghana
2017 - 2021

Kwame Nkrumah University of Science and Technology
Bachelor of Science in Architecture

- Thesis: Investigating the potential of plastic e-waste in the construction Industry in Ghana

Relevant Experience

Toronto, Canada
Jun 2024 – Present

Toronto BioBuild Collective
Founding Member / Project & Partnerships Coordinator

- Led the **2025 Mock-Up Project** with **6 firms,** 85 volunteers and industry stakeholders nationwide.
- Organized **11 public events/panels** and authored reports on bio-based materials and circular construction.
- Expanded my coordination experience to multi-stakeholder project delivery through clear documentation and follow-up.

Accra, Ghana
Jan 2022 – May 2023

Tekton Consult
Architectural Assistant

- Led Revit-based design packages across **5 projects** producing coordinated architectural deliverables.
- Standardized drawing production and Revit workflows, improving documentation quality and coordination.
- Progressed from drafting to project coordination by aligning consultants, site updates, and construction requirements.

Ouagadougou, BFA
Jun – Aug 2018- 2021

Carure Architectes Conseils
Architectural Intern / Project Designer

- Led design development and site supervision for a built **five-bedroom residence.**
- Directed early design decisions from concept to design development, grounded in climate-responsive planning.
- Built site awareness that strengthened my technical documentation and construction coordination.

Toronto, Canada
Jan – Apr 2026

John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto
Teaching Assistant, Building Science 2

- Guided **88 architecture students** through daylighting, building performance, and climate-responsive design.
- Delivered tutorials, desk critiques, grading, and technical feedback in coordination with course instructors.
- Translated building science concepts into clear design feedback focused on environmental performance.

Toronto, Canada
Jan – Apr 2024, 2025

John H. Daniels Faculty of Architecture, Landscape and Design, University of Toronto
Student Mentor, Building Black Success through Design

- Mentored Black high school students through hands-on design activities and studio discussions.
- Facilitated design sessions on conceptual development, drawing, model-making, and visual communication.
- Built coaching experience by explaining design ideas clearly to students with different skill levels.

Toronto, Canada
Oct 2023 – Jun 2026

University of Toronto Advancement Division
Alumni Outreach & Stakeholder Engagement Representative

- Managed high-volume alumni conversations, and follow-ups while representing UofT professionally.
- Strengthened the communication side of project delivery by learning how to keep stakeholders engaged.

Skills & Interests

Technical: Revit, Rhino, Grasshopper, Dynamo, Lumion, Twinmotion, Adobe Creative Suite, Climate Studio, One Click LCA
Communication & Coordination: Miro, Slack, presentations, project documentation, site follow-up, consultant coordination, presentations
Languages: English, French, Spanish
Interests: Architecture, building performance, sustainable design, bio-based materials, public buildings, emerging technologies , automotive design, aerospace, fragrance, fitness, tennis, basketball, live jazz