

Shaquille S. Johnson

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CAREER OBJECTIVE

My objective is to obtain an engineering internship emphasizing the application of engineering principles to deliver high-quality project deliverables. I aim to leverage a proven knowledge of project management, computer-aided design and drafting and basic field performance skills in engineering coupled with good organizational skills to add value to your firm. I am an adaptable Civil Engineering student currently attending the University of Technology, Jamaica, with several years of work experience.

EXPERIENCE

HUE LYEW CHIN ENGINEERING LTD.

22 Trafalgar Rd, Suite 9, KINGSTON 10, JM

Engineering Intern

July 2021

- Worked directly with engineers to deliver high-quality consulting services for clients in a timely manner.
- Completed engineering calculations to design different structures such as slabs, columns and beams among other types of structural reinforcements.

WEST INDIES HOME CONTRACTORS

Harbour Head, KINGSTON 17, JM

Engineering Intern

Sept 2020 – Oct 2020

- Worked directly with the finishing team to deliver high-quality preparations for client occupancy in a timely manner.
- Worked directly with the Projects department to oversee the initial preparations for the commencement of a key construction projects.

WOLMER'S TRUST

4 National Heroes Circle, KINGSTON, JM

Solar System Liaison Officer

Jan 2020 – Present

- Manage the implementation of a US\$440,000.00 ¼ Megawatt Photovoltaic (PV) system for the three Wolmer's Schools which is to reduce the schools' annual electricity expenses up to 80% per annum.
- Liaison between the project sponsor, project manager, contractors and the schools' officials to facilitate the successful installation of 35+ Inverters and 900+ solar panels, and subsequently monitor real-time data from the PV system.
- Interface with the local energy supplier to ensure the replacement and maintenance of relevant electrical infrastructure in accordance with contractual arrangements.
- Discuss project details on a weekly basis with the Wolmer's Trust
- Analyse real-time data produced to ensure that the system operates efficiently, and consistent with the engineering design
- Create and maintain a database for all information associated with the solar project including all standard offer contracts, government licenses and inspectorate certifications.

- Conduct regular site-visits with the consultant engineer to ensure that the system satisfies the regulations of the Electricity Act of Jamaica (2015).

WOLMER'S BOYS' SCHOOL

4 National Heroes Circle, KINGSTON, JM

Board Director

Jan 2021 – Present

- As a member of the School Improvement Planning (SIP) subcommittee, my role is to contribute to the sustainable development and growth of the institution by overseeing the implementation of the school's 3-year Strategic Plan while offering general and technical guidance on key high-level decisions.

WOLMER'S TECHNOLOGY COMMITTEE

4 National Heroes Circle, KINGSTON, JM

Project Manager

Jan 2020 – August 2020

- Created the floorplans required for developing the electrical diagrams for the three Wolmer's Schools
- Utilized laser measurement and augmented reality software to conduct dimensional analyses of the ¼ square mile facility with up to 30 buildings
- Conducted aerial surveys using advanced unmanned aerial vehicles (UAVs) to assess the physical infrastructure of each building at the three schools

LESMACK ENGINEERS LTD.

4 Clarendon Pl, KINGSTON 10, JM

Engineering Intern

Jul 2016 – Aug 2016

- Reported directly to a senior electrical technician on large-scale commercial projects in an observatory capacity to facilitate my learning in the field of electrical engineering

EDUCATION



UNIVERSITY OF TECHNOLOGY, JAMAICA

6 Old Hope Rd., KINGSTON, JM

Bachelor of Engineering in Civil Engineering Candidate (Expected graduation Aug 2023)

- **Relevant Coursework:** MATLAB Programming, Advanced Calculus - Differentiation and Integration, Academic Writing, Autodesk AutoCAD, Land Surveying, Structural Analysis, Engineering Statics and Dynamics, Mechanics of Solids, Engineering Statistics, Civil Engineering Materials, Material Science

WOLMER'S BOYS' SCHOOL

4 National Heroes Circle, KINGSTON, JM

High School Diploma (Jun 2019)

ADDITIONAL SKILLS

- Public Speaking, Autodesk AutoCAD, Autodesk Revit, Autodesk Robot Structural Analysis, Microsoft Excel, Commercial Drone Piloting and Aerial Surveying, MATLAB Programming, Organizational Skills, Effective Communication Skills, Negotiation, Strategic Planning, Event Planning and Management, Academic Writing

CERTIFICATIONS

- Certified Associate in Project Management (CAPM®) (Project Management Institute®, 2021)