

Internship for Architecture, Engineering and Environmental Science Students

Green Quarter is a leading expert in providing green and energy services in the built environment in Malaysia. Our services holistically drive across various sectors in creating environmentally, friendly spaces that consist of benchmarking green building attributes; virtual environment solutions; and reducing carbon emissions in design, operation and simulation.

“Creating Environments That Enhance Lives”

Company culture

We believe in living our values when it comes to growing a greener future. Green Quarter's positive core values not only shape our internal work culture but also steer our dedication to community welfare and environmental responsibility to our esteemed clientele. We recognise genuine leadership, mentor growth, value open communication, celebrate individual and team success while creating a conducive, engaging place to work.

Job Description

An internship that offers hands-on experience in sustainable building practices, environmental analysis, and green certification processes. Interns will support projects related to energy efficiency, carbon footprint analysis, water conservation, and indoor environmental quality. Responsibilities may include data collection, research on sustainable materials, assisting in green building assessments, and preparing reports. This role provides exposure to industry frameworks such as LEED, GBI, and GreenRE etc while working alongside sustainability consultants to develop solutions for greener built environments. Ideal candidates are passionate about sustainability, detail-oriented, and eager to learn about the intersection of buildings and environmental impact.

Detailed scope of work including but not limited to:

1. Green Building Certifications & Compliance

- Study and understand all aspects of green building certifications, including GBI, GreenRE, MyCREST, WELL, LEED, and Green Mark.
- Assist in preparing documentation and reports for green building certification submissions.
- Make recommendations for integrating green building principles into project designs and implementation.
- Maintain and update green building scoring strategies for reporting to clients.

2. ESG & Sustainability Initiatives

- Support ESG-related projects, including circular economy strategies, water and waste management, and recycling programs.
- Work closely with the team to promote sustainability programs and assist in achieving sustainability objectives during design, planning, and construction.

3. Technical Analysis & Performance Modeling

- Conduct basic technical analyses related to green buildings, including energy efficiency, water efficiency, and indoor environmental quality.
- Set up 3D geometry models and perform basic Dynamic Energy Simulations and Dynamic Daylight Simulations.
- Assist in reviewing architectural layout designs, M&E (Mechanical & Electrical) designs, landscape designs, and material selections to ensure compliance with green building standards.
- Perform basic water efficiency analysis and support the review of water-efficient design strategies.

4. Research & Material Selection

- Conduct research on sustainable building materials, technologies, and industry best practices.
- Assist in reviewing and selecting materials that align with green building certification requirements.

- Create and format graphics, visuals, and layouts for presentations, reports, and publications.
- Prepare presentation slides and maintain materials libraries to support the green building consultancy team.

Qualification:

- A general background in architecture, urban planning, real estate, landscape architecture, civil, electrical, chemical or mechanical engineering, building science, construction management, environmental engineering, environmental sciences, or allied field.
- Junior/Senior level Undergraduate or Graduate candidates are strongly preferred. Students who are Work-Study eligible in the Malaysia are encouraged to apply.
- Strong personal interest in green buildings and sustainable design.
- Strong communication skills (verbal and written), attention to detail, positive attitude and a desire to work within a team environment are a must.
- Proficiency in Microsoft Office Suite and the ability to learn new software packages.
- Graphics, rendering, and layout skills a plus.
- A team player with a positive and results-oriented attitude.

How to Apply:

For consideration, send a current resume and letter of interest to info@greenquarter.biz. In your cover letter, please describe how your background directly relates to the qualifications and experience listed above and how it successfully prepares you to meet the responsibilities of the position. Include your full name in the filename of any attachments.