

Eng. Manwar Aqel

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Objective

Motivated Civil Engineering graduate with a Master's degree, specializing in the construction and retrofitting of multi-age concrete structures. Seeking to apply my expertise in high-performance concrete, project management, and engineering methodologies to drive successful construction projects and contribute to innovative and sustainable infrastructure development.

Education

Hohai University | *Master of Civil Engineering* Nanjing, China | **2021 – 2024**

- Research about the effects of Polymer Polyvinyl Alcohol (PVA) on the concrete
- Design seismic concrete building Using Abaqus software

Wenzhou University | *Bachelor of Civil Engineering* Wenzhou, China | **2017 - 2021**

- Design an office building of 6 floors by Eurocode
- Won First tier of Wenzhou University Presidential scholarship

Experience

Site Civil Engineer | CSCEC Nanjing, Jiangsu, China **Feb 2024 – Mar 2025**

- Documented key aspects of construction projects in daily reports.
- Tracked progress and resource utilization.
- Drafted designs and visualized construction plan using CAD software & Revit.
- Prepared and maintained project documentation, including reports and blueprints.

Site Civil Engineer | United Standards Co. JED, KSA **May 2021 – Dec 2022**

- Drafted designs and visualized construction plan using CAD software.
- Ensured materials and workmanship met project specifications and quality standards.
- Implemented and monitored safety protocols on the construction site.

Site Civil Engineer Intern | Wenzhou, Zhejiang, China **Jun 2018 – Mar 2019.**

- Land Surveying.
- Construction Safety
- Tracked progress and resource utilization.

Courses

- Technical: AutoCAD, BIM, SAP2000, Abaqus
- Project Management: Budgeting, Team Leadership.
- Compliance: ISO 45001:2018 (Interior Auditor), Saudi Code, Safety Protocols.

Certifications & Professional Memberships

- Certified Engineer from the Saudi Council of Engineers SCE
- Certificate of Chinese Language Proficiency

Languages

- Arabic
- English
- Chinese