Alhussain Majeid Alwayli

CIVIL ENGINEER

SITE ENGINEERING / INFRASTRUCTURE / CONSTRUCTION

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SUMMARY

Civil Engineering graduate with hands-on field training experience across infrastructure construction, site supervision, concrete, pavement, drainage, finishing works, QA/QC and HSE within the Qiddiya Speed Park project environment.

EXPERIENCE

Civil Engineering COOP Trainee

June 2026 to October 2026

UNIMAC (United Maintenance & Contracting Company)

Qiddiya Speed Park Project, Riyadh, Saudi Arabia

Cooperative trainee within the site team: the supervision items below were assigned activities recorded in the weekly training reports.

- Supervised construction of 20 canopy foundations to the approved drawings, monitoring the contractors' excavation, reinforcement and white-sand backfill.
- Supervised installation-related activities for 40 canopy foundations, verifying alignment, level and position with survey coordination.
- Supervised setting-out of the lighting pole foundations; found an unexcavated foundation on the drawings, confirmed it with the site team, and supervised the concrete pour after the JCB excavation.
- Supervised shuttering, the CLSM pour and white-sand bedding ahead of interlock, across two shifts during a schedule-critical period.
- Supervised interlock and kerb stone installation; followed white sand and ABC preparation and roller compaction.
- Supervised and followed up stormwater drainage works; observed drainage channel installation along the road and followed the associated concrete works.
- Supervised construction of a speed hump and drainage crossing; inspected the fresh concrete and monitored test specimen preparation.
- Coordinated a field crew of 6 workers with 1 Bobcat and 1 JCB during final finishing activities before handover.

PROJECTS

Parking 12

PROJECT / 01

From Execution to Handover

- Participated in a revised execution plan adding traffic and directional signs; supervised sign positioning to the updated drawings.
- Prepared and levelled the pedestrian walkway area, installed the polyethylene membrane and supervised concrete placement and finishing.
- Followed interlock compaction and joint sanding, foundation works, and the pre-handover inspection of alignment and finish quality.

EPU / Parking 7

PROJECT / 02

Infrastructure Execution

- Observed stormwater pipe installation and supervised the associated concrete pour; observed the survey team setting out the parking.

- Followed placement and compaction of two ABC layers and MC1 application ahead of paving; observed soil testing by the testing laboratory.
- Participated in monitoring the first asphalt layer with the asphalt engineer; quality inspection in the presence of the consultant.

Qiddiya Speed Park

PROJECT / 03

Roads, Drainage & Civil Infrastructure

- Supervised interlock cleaning and joint filling; monitored removal of existing interlock for a dedicated bus access road.
- Supervised landscaping excavation by the subcontractor after utility checks, and kerb stone finishing (sanding and cleaning).
- Inspected the stormwater drainage channels and grates; checked wheel stop alignment and levels against the parking layout.

EDUCATION

Bachelor of Civil Engineering

2026

Najran University, Saudi Arabia

GPA 3.81 / 5.00

GRADUATION PROJECT

Mechanical and Interfacial Behavior of Date Palm Fibers in UHPC: Effect of Surface Treatment and Embedment Depth

Team project, 5 students / Supervised by Dr. Fadi Mohammed Al-Thuwai

Investigate whether date palm fibres, a local agricultural by-product, can reinforce ultra-high-performance concrete, and how fibre treatment and fibre content affect bond behaviour and mechanical performance.

TESTS Pull-out / Compressive strength / Flexural strength

SKILLS

SITE ENGINEERING	Construction drawing reading, Site supervision, Site inspection, Site coordination, Basic quantity takeoff (basic)
CIVIL / INFRASTRUCTURE	Concrete works, Infrastructure works, Asphalt, Pavement works, Drainage, Interlock, Kerb stone works
QUALITY & HSE	Quality control awareness, Material inspection, HSE awareness, Environmental awareness, Construction inspection
SOFTWARE	AutoCAD (basic), SAFE (course), ETABS (course), SAP2000 (course), Revit (course), Microsoft Excel, Microsoft Office
CORE COMPETENCIES	Teamwork, Communication, Adaptability, Problem solving

CERTIFICATIONS

Structural Engineering Course — 72 h
SAFE, ETABS, SAP2000 & Revit / Integrated Learning Training Center (ILTC)

Project Management Training — 36 h

Technical Reports Writing
Najran University

English Language Course
Levels 2 & 3 / Wall Street English

Mendeley Reference Management Course
Najran University

Ithra Program — 20 h
King Abdulaziz Center for World Culture

LANGUAGES

Arabic — Native

English — Intermediate / Working Proficiency