

MOHAMMAD ALAWADHI

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Civil Engineering Intern

Detail-oriented and proactive Civil Engineering graduate from The University of Sheffield with a strong academic background and practical experience in project and structural design. Proven ability to lead projects, collaborate with diverse teams, and effectively communicate findings to various stakeholders. Eager to contribute to innovative engineering solutions while building a professional network through hands-on experience during the summer internship.

Education

BS The University of Sheffield,, Bachelor’s degree in Civil Engineering, SEP 2021 – JUN 2024

- **Coursework:** Graduated with a 2:1 Honors degree, focusing on geotechnics and structural design.

Experience

University of Sheffield, Integrated Design Project Led drainage design and co-managed geotechnical and foundation components. Presented weekly progress reports to effectively communicate technical designs to peers and faculty, enhancing public speaking and presentation skills. JAN 2024 – APR 2024

University of Sheffield, Self-Compacting Concrete Research Project Researched and analyzed self-compacting concrete, focusing on its properties and optimal mix designs for improved structural performance, contributing to sustainable engineering practices. SEP 2023 – JUN 2024

University of Sheffield, Structural Design and Appraisal Designed a multi-story reinforced concrete building, performing load calculations and developing detailed project timelines, showcasing time management and organizational skills. SEP 2023 – DEC 2023

University of Sheffield, Engineering: You’re Hired! Course Completing an employability-focused course that involved the design of a deconstruction robot, enhancing teamwork, adaptation to multidisciplinary collaboration, and innovative problem-solving abilities. SEP 2023 – DEC 2023

Project

Integrated Design Project - JAN 2024 - APR 2024

Designed a resort featuring an indoor ski park and residential areas, engaging in both drainage and geotechnical design principles.

Self-Compacting Concrete Research Project - SEP 2023 - JUN 2024

Investigated concrete performance enhancements to support sustainable building practices, focusing on functionality and material efficiency.

Structural Design and Appraisal - SEP 2023 - DEC 2023

Developed designs for a multi-story building, utilizing sustainable design principles and performing comprehensive structural load analyses.

Courses

Site Surveying Workshop - -

Acquired practical skills with surveying tools including Total Stations and Automatic Levels, equipping me for fieldwork in civil engineering projects.

Skills

Teamwork and collaboration, Effective communication, Leadership, Time management, Revit, Python, ABAQUS, Innovative problem-solving, Public speaking,