MAGDY KAMEL

Civil Engineer | Construction Project Management

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PROFESSIONAL SUMMARY

Civil Engineer ranked 1st in the Civil Engineering Department (B.Sc. 2024, Excellent with Honors) and Master's researcher in Construction Project Management at Port Said University (Pre-Master GPA 4.0). Experienced in site engineering, BIM modeling, project scheduling and risk analysis using Revit, Primavera P6 and Primavera Risk Analysis.

EDUCATION

M.Sc. Researcher, Construction Project Management

Faculty of Engineering, Port Said University

- Completed Pre-Master in Construction Project Management with grade A+ (GPA 4.0)

B.Sc. in Civil Engineering 2024

Higher Institute of Engineering and Technology (NDETI), New Damietta

- Ranked 1st in the Civil Engineering Department; Excellent with Honors

PROFESSIONAL EXPERIENCE

Teaching Assistant 2025

Higher Institute of Engineering and Technology, New Damietta

Site Engineer 2024

We Build Construction Company, New Damietta

Summer Training

- General Authority for Educational Buildings (school construction and maintenance), 2023
- Pyramids Company for Fresh Concrete (concrete mix components), 2022

GRADUATION PROJECT

Construction Project Management of a Concrete Bridge Excellent grade

- Analyzed contract, tender, specifications and project delivery system suitability
- Built a 3D model and extracted quantities with Revit Structure (BIM)
- Developed the project schedule in Primavera P6 Enterprise
- Prepared cost estimation, tender form, cash flows and cost control
- Performed risk identification, qualitative and quantitative analysis and responses in Primavera Risk Analysis
- Research topic: Sustainable Development of Concrete Bridges Projects

SKILLS

Software: AutoCAD, Revit Structure (Dynamo, Naviate, Sofistik), Navisworks, Synchro, Primavera P6 Enterprise, Primavera Risk Analysis, SAP2000, ETABS, SAFE, CSI Column, IBM SPSS, Microsoft Office

Core skills: Project Planning and Scheduling, BIM, Cost Estimation and Control, Risk Analysis, Problem Solving, Time Management, Attention to Detail, Teamwork in Multidisciplinary Teams, Working Under Pressure, Communication

CERTIFICATIONS AND COURSES

- Digital Transformation Certificate (with Distinction), Supreme Council of Universities, 2025
- TOEFL score 637, American Language Center, Port Said University, 2025
- Cybersecurity and Technological Awareness Course, Leaders Foundation for Administrative Sciences and Development, 2024
- Senior Executive Leadership Preparation Course, Leaders Foundation for Administrative Sciences and Development, 2023

LEADERSHIP ACTIVITIES

- President, NDETI Student Union, 2022-2024 (Scientific Team Leader, 2021-2022)
- President, Civil Pioneer Team, 2022-2024
- President, SHD, 2022-2023 (Scientific Team Leader, 2021-2022; President's Consultant, 2023-2024)

ADDITIONAL INFORMATION

Languages: Arabic (Fluent), English (Very Good), French (Basic)

Military Status: Completed Military Service