

Professional Summary

Skilled Project Manager, Technical Systems Engineer, and Recent Graduate with a PhD degree in Civil Engineering and growing experience in analyzing building codes, reviewing materials costs, designing construction plans, completing equipment estimation activities, reporting project status to business/market leaders, and implementing practices used in cultivating concrete structures. Transferable experience in ensuring documents meet contract requirements, streamlining processes, and overseeing project practices. Substantial experience in teaching courses on construction management to university students, including monitoring student progress and translating complex ideas. Exceeds expectations by building strong relationships and works well with people at all levels of the organization including utilizing previous experience as a subcontractor to collaborate with contractors.

Skills

- Overseeing Project & Operational Practices
- Analyzing Building Codes & Safety Requirements
- Streamlining Processes & Implementing Improvements
- Designing Architectural & Construction Ideas
- Using Data & Insights to Make Informed Judgements
- Cost Estimating, Productivity, & Material Costs
- Reporting Project Status to Business & Market Leaders
- Curriculum Development & Lesson Planning
- Teaching & Educational Support
- Practices Used in Concrete & Construction Structures
- Project Management & Workflow Procedures
- Contract & Engineering Requirements
- Excellent Verbal & Written Communication
- Bilingual in English & Arabic

Education

The University of Texas at Arlington – Ph.D., Construction Engineering & Management 2020 to 2022

Ph.D. Topic – Investigation of Models to Predict the Remaining Useful life of Prestressed Concrete Cylinder Pipe

- Learned how to create written and oral communications/presentations appropriate to the construction discipline.
- Gained experience with analyzing methods, materials, and equipment used in construction projects to ensure safety.
- Obtained knowledge of construction risk management concepts, project control processes, and sustainable principles.
- Expanded knowledge of construction productivity, cost estimating, project administration, and engineering management.

The University of Texas at Arlington – Master's degree, Construction Management 2019 to 2020

- Examined how to allocate labor, equipment, and materials to projects in order to achieve completion at maximum cost.
- Gained experience in equipment productivity, selection, allocation, economics, and safety related to construction.
- Expanded experience in electrical applications including circuit diagrams, switches, relays, motors, and transformers.
- Studied principles of electrical, electronic, mechanical, and fluid power components/systems for industrial applications.

Mu'tah University, Jordan – Bachelor's degree, Computer & Electrical Engineering 2001 to 2006

Work History

Assistant Professor- The university of Texas at Tyler 9/2024 to current

- Serving as an Instructor, including teaching a comprehensive cost estimating course to students.
- Serving as Instructor for construction admin and economics and construction commercial courses.
- Efficiently teaching students the Structure design and practices.
- Teaching RSMeans Application as estimating software and Procore Application for commercial construction software.
- Successfully developing and conducting exams, projects, and assignments to support educational goals.
- Communicating with staff, parents, and administration to increase student support and performance.

- Serving as an Instructor, including teaching a comprehensive planning and scheduling course to students.
- Serving as Instructor for Risk management, Cost estimation and construction project administration courses.
- Efficiently teaching students the foundations and practices surrounding Building Information Modeling.
- Teaching Primavera Application as the Planning software and Revit Application for Building Modeling software.
- Successfully developing and conducting exams, projects, and assignments to support educational goals.
- Communicating with staff, parents, and administration to increase student support and performance.

- Taught courses on construction productivity, cost estimating, engineering management, and construction administration.
- Efficiently tracked student attendance and class schedules as well as set up necessary materials before each class.
- Reviewed material taught in class with individual students as needed, as well as answered questions and provided guidance.
- Worked with smaller groups of students for remedial teaching or to provide reinforcements for the learning process.
- Served as a Member of Center for Underground Infrastructure Research and Education (CUIRE).
- Worked on many projects under Dr. Najafi supervision as SAPL full scale dead load testing for CMP and Hydraulic testing for SAPL pressure pipeline.
- Efficiently provided testing for numerous pipes, including testing the resistance of pipes against the load.

- Strategically completed estimating, budgeting, pricing, and invoicing activities to ensure accurate and complete records.
- Designed audio visual systems and oversaw all engineering tasks, technical support, and programming activities.
- Troubleshoot systems and built Windows domains/various components such as DNS, DHCP, ISA, and Exchange Servers.
- Performed various diagnostics on computers or peripherals and provided client training on the use of endpoint devices.
- Efficiently created goals for the company and implemented solutions to meet established goals/business requirements.
- Continuously developed lasting relationships with all clients through impeccable service development/presentations.
- Prepared proposals for clients outlining work needing to be performed as well as upgrade suggestions to increase sales.

- Resolved technical hardware/software problems with product technical support and implemented repairs as necessary.
- Maintained computers, completed studies regarding computer hardware/software, and designed shop drawings.
- Administered all servers, applications software, and routers along with securing virtual machines using platforms.
- Motivated all project teams, ordered resources, coordinated vendor operations, and optimized project efficiency.
- Provided customers with prompt responses to service issues or queries in a professional manner to exceed expectations.
- Established a highly professional and positive rapport with all clients and provided an exceptional level of service.
- Influenced high prioritization of initiatives, aligning experiences across channels and touchpoints to ensure best results.

Engineering/Supervisor Projects

- Kempinski Hotel Amman – 2016
- Millenium Hotel Amman – 2012
- High Class Meeting Rooms, Saudi Arabia – 2015
- Samrya Twin Towers, Qatar – 2013 to 2014
- SGBJ – 2011
- Royal Village – 2011
- AMQAJ Offices – 2011
- ALMAFRAQ Factories – 2010
- Jordan Gate – 2010
- Alhamad Offices – 2009

Affiliations/Conferences Attended

- Speaker – North American Society for Trenchless Technology, No-Dig Show Conference & Exhibition – 04/2022
- Student Chapter Organizer – Underground Construction Technology International Conference & Exhibition – 01/2022
- Student Chapter Organizer – North American Society for Trenchless Technology, South Central Trenchless Technology Conference – 09/2021
- Student Chapter Organizer – Underground Construction Technology International Conference & Exhibition – 07/2021

Certifications

- Certificate of Appreciation – The University of Texas at Arlington – 03/2022
- 2 Professional Development Hours (PDHS)/0.2 Continuing Education Units (CEUs) – The University of Texas at Arlington – 07/2021
- Certificate of training on the Nutech 2703 And Canister operation – 02/2023

Membership

- American Society of Civil Engineers (ASCE)
- Sigma Lambda Chi International Construction Honor Society

Technical Skills

Microsoft Office Suite, ACAD, Primavera, Network Cabling Systems

Publications

- Testing and Evaluation of a Hybrid Polyurea Spray Applied Pipe Lining for Structural Applications – ASCE Library – 2022
- Investigation of Significant Factors Effecting Remaining Useful Life Of Prestressed Concrete Cylinder Pipe – ASCE Library – In Progress, 2023
- - Investigation of KNN and Decision Tree Methods Efficiency in Developing Prediction Models for Sewer Pipes – ASCE Library – In Progress, 2023
- Testing and Evaluation of a Hybrid Polyurea Spray Applied Pipelining for Structural Applications
- Study of Rehabilitation of Broken Wires in Prestressed Concrete Cylinder Pipe (PCCP) and Its Effect on The Structural Continuity of The Pipe.
- Evaluating the Effect of Host Pipe's Integrity on Determination of Liner Thickness in Spray-in-Place Pipe (SIPP) Application for Underground Pipes
- Hybrid Machine Learning Meta-Model for the Condition Assessment of Urban Underground Pipes