

Joe Said

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Work Experience

Buro Happold

BIM Coordinator and Computational Designer

Nov 2023 – Current
Los Angeles, United States

- Part of MEP Coordination Team

Maire Tecnimont

BIM Researcher

Apr 2023 – Sep 2023
Milan, Italy

- Created digital control towers to help expedite the decision making process
- Automated workflow for collecting, analyzing, and visualizing model quality data
- Resulted in up to 10 man hours saved weekly in the BIM coordination effort

Hensel Phelps

Field Engineer

Jul 2021 – Sep 2022
Los Angeles, United States

- BIM Coordination of site logistics and layout for \$400M Hospital Tower Expansion Project
- Managed precon site investigation for existing utilities and surveying with trade partners
- Assisted project superintendent with Owner communication, buyout packages, scheduling and estimating
- Daily on-site management of construction crews and subcontractors' work

University of Wisconsin-Madison

Graduate Research & Teacher Assistant

Sep 2019 – May 2021
Madison, United States

- Head researcher in CII research on Project Delivery and Owner Factors in the Oil and Gas Sector ([Link](#))
- TA for Mortenson sponsored BIM course and Bechtel sponsored Construction Systems course

Dar Al Handasah

Project Management & Contracts Engineer Intern

May 2018 – July 2018
Cairo, Egypt

- Analyzed and assisted in Quantity Surveying, BOQ completion, Planning, Follow-Ups, and Contracts
- Responsible for management communication from Madinaty Site to the Head Office

Orascom Construction

Contracts and Claims Engineer Intern

June 2017 – August 2017
Cairo, Egypt

- Analyzed different types of Contracts using FIDIC 87, FIDIC 99, and Ad-Hoc
- Analyzed the Port Said Tunnels Contract between the Egyptian Army and Orascom

Education

BIM A+ Masters

Erasmus Mundus Joint Masters

University of Minho, Portugal & Politecnico Di Milano, Italy
Sep 2022 – Sep 2023

Thesis: Method for Big Data Management in EPC Firms During Engineering Phase

International BIM Standards, Parametric Modelling, and Interoperability

Final grade: 110/110 (cum laude)

Master of Science

Masters of Science in Civil and Environmental Engineering

Thesis: *Effect of Owner's Factors on Project Delivery System Choices in the Downstream and Chemicals Sector Construction Engineering Management Concentration*
Graduate Certificate in Entrepreneurship
Final grade: 4.0/4.0

University of Wisconsin-Madison

Sep 2019 – May 2021

Bachelor of Science

Bachelor of Science in Construction Engineering

Construction Management Concentration

Minor of Architecture

Final grade: 3.8/4.0

The American University in Cairo

Sep 2014 – May 2019

Graduate Courses

Jan 2021 – May 2021

Multinational AEC Industry Course. Responsible for construction management and BIM coordination. Awarded Buro Happold parametric adaptability challenge ([Link](#))
Venture Capital Course where we pitched supply chain tracking of mass timber wood to venture capitalists in Silicon Valley.

Stanford University

International Summer School - Experiencing China - Architecture

July 2018 – August 2018

Tsinghua University

Language Skills

Mother Tongue(s): English, Arabic

Technical Skills

Data Science**BIM Softwares****Construction Management Softwares**

MS Power BI, Power Query, DAX, Python, SQL, Tableau, RStudio
Revit, Navisworks, BIM 360, ACC, Dynamo, Sketchup, Fuzor
Primavera P6, Bluebeam, Bixel Manager, WinEst

Leadership Roles

Vice President of Delta Phi Epsilon professional fraternity and held weekly meetings
Coached and Captained Cairo Bears American Football team for four years
President of GATES (Guiding Autistics through Everyday Struggles)
Coached and Captained both the swim team and water polo team in high school