

Mohamad Abdul Karim, EIT

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WORK EXPERIENCES

Field Engineer II, Skanska, New York, NY

July 2024 – April 2025

MTA Construction and Development, Design-Build Services for Replacement of Twenty-One (21) Escalators in Various Locations (E30647) - New York, NY (\$145M)

- Responsible for the safety of all assigned employees and subcontractors to ensure the safe execution of all activities
- Managed four Architectural subcontractors with over \$5M contracts fully from planning to field work
- Supervisor for Park Place Station; plan and report daily work with the superintends
- Inspect self-perform and subcontracts operations to ensure compliance with Contract and determine non-compliance
- Conduct quality inspections, determine Quality Control deficiencies, coordinate site testing and inspection efforts
- Monitor costs, including labor time and material on weekly basis
- Manage schedules, including preparation of detailed short and long terms schedules
- Prepare and submit Daily Reports including work in-place quantities

Field Engineer I, Skanska, New York, NY

July 2022 – June 2024

Core Competency Program (CCTP) including six rotations:

Estimating Engineer (03/2024 – 04/2024)

- Assisted with quantities where he completed rebar and concrete takeoffs for the two-mile tunnel.
- Compiled a list of all heavy and tunnel equipment and reach out to vendors for pricing for over \$35M worth of equipment
- Utilized HCSS to input all activities and explaining the important details and the proposed means and methods.
- Created quantity takeoffs, evaluated obstacles to potential means and methods, identified risks, and created a bid review presentation

Corporate Support (03/2023 – 07/2023)

- Assisted the Chief of Staff with Staffing Sheets, coordinating and updating seating assignments, and misc. items
- Worked with Senior management on creating and updating high level business unit wide presentations
- Worked on employee training development plans such as Project Management Boot Camp
- Planned and executed several events
- Involved in the hiring and on-boarding process for new grad and interns

Assistant Superintendent & Field Engineer (03/2023 – 011/2023)

MTA C&D, Flushing Line Improvements Design-Build, Woodside, NY (\$221M)

- Take-Offs and track for the Materials that will be installed for steel, escalators work, and mechanical systems.
- Supervise, on a day-to-day basis, on-site field labor force
- Controls and monitors daily expenses and manual labor pricing while updating executive management

Project Controls Engineer (11/2022 – 03/2023)

MTA Construction & Development, Penn Station LIRR Train Hall Renovation Phase II – New York, NY (\$400M)

- Monitored Project cost, entered quantities, created trend reports for each corridor with their specific codes
- Reviewed and created timecards, compared operator control sheets to timecards, and updated the labor budget spreadsheet.
- Contributed to the monthly reports by identifying cost codes that needed updated forecasts, updated cost-to-complete values for codes, and operated a forecast meeting
- Tracking costs, progress of self-perform work, and reviewing/preparing subcontractor change orders for additional work.
- Prepare and submit of monthly project payment application to the owner

Safety Engineer (07/2022 – 11/2022)

Metro-North Railroad, Harmon Shop Replacement Phase V - Stage II Design-Build – Croton-on-Hudson, NY (\$365M)

- Responsible for new hire onboarding which included presenting project orientation to new craft employees.
- Attend and presented the safety items in the morning meeting, and conducted Daily Hazard analysis with crews
- Helped with creating and reviewing construction and safe work plans and learned how to guide new subs to create them.
- Created the monthly crew review schedule for the whole project and conducted crew reviews every month

Resident Assistant, Manhattan University, New York, NY

August 2021 – May 2025

- Responsible for the safety and wellbeing of the residents in the building.
- Communicate with other staff members and act for about upcoming events, proper proceedings, and various incidents.
- Take on nightly duties several times a week including checking students in and patrolling for incidents.
- Promote an inclusive and social atmosphere in the hall and be a resource and role model for residents.

Construction Management Operations Intern, Suffolk Construction, New York, NY

May 2021 – August 2021

- Tracked and reported the daily progress for the spray of fireproofing using Bluebeam.
- Responsible for everything inspection-related including concrete, steel, fireproofing, and masonry.
- Submitted RFIs and submittals for the work that was in progress but also for future interior work.
- Worked on quality assurance and quality control on the exterior walls as well as doing Punch List work to the interior stairs.

Student Board Trustee & District Student Body President, Portland Community College, Portland, Oregon

July 2018 – July 2019

EDUCATION

BS in Civil Engineering with Minor in Business, Manhattan University, New York, NY

May 2022

Associate Degree, Engineering, Portland Community College, Portland, OR

2017 – 2019

Related courses: Intro to Engineering, Engineering Graphics & AutoCAD, Intro to GIS, and Statics.

Awards: CMAA NY/NJ Scholarship | ASHE NY Metro Scholarship | Youth Leadership Award, Greater Portland Sustainability Education Network | C. Richard Scott Memorial Scholarship, ACUI | President's Honor List | Phi Theta Kappa Honor Society

Memberships: American Society of Civil Engineering (ASCE) | Structural Engineering Institute (SEI) | The Construction Management Association of America (CMAA)

LEADERSHIP

Skanska Emerging professionals Co-Chair, Skanska

October 2023 – March 2025

- Leading and coordinating projects, events, and initiatives.
- Enhanced communication, leadership, and organizational skills, Project management experience.

National Student Ambassador, American Society of Civil Engineers

August 2020 – May 2022

- Represent ASCE on campus level and on national level.
- Worked with local sections, branches, and younger member groups, ASCE Student Ambassador Team.

SKILLS

Software: Microsoft Office (Excel, Word, Power Point), Bluebeam, AutoCAD, MATLAB, ARCGIS, SAP2000, SWMM, CIVIL 3D, P6, Photoshop, and HCSS.

Certification

EIT in the state of NY, OSHA 30-hour, 32-hour Safety Site Training, FAA part 107, and Licensed Drone Pilot