



Calvin Johnson

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FE certified Civil Engineer with 8 years of experience in heavy civil construction including but not limited to large-scale bridge and oil refinery projects. Proven expertise in estimating, QA/QC functions, engineering plan and process creation, and architectural drawing interpretation.

Seeking senior-level project management roles in the construction industry.

Work History

Structural & Bridge Engineer, Peter Kiewit Sons, Oct 2017 - Present

- Supervised construction elements, performed material takeoffs, prepared cost estimates, and reviewed proposals, specifications, and drawings.
- Monitored and controlled project execution plan and oil supporting facilities to ensure that every step is according to the planning and within the budget. Fulfilled all project deliverables with 97% accuracy, leading to 7% extra project profitability.
- Maintained quality matrix and logs, created NCR Flow Charts, and updated onsite quality control plan and control files.
- Negotiated construction projects with top banking corporations in California, successfully closing \$108M worth of projects.

Lead Civil Engineer & Estimator, Peter Kiewit Sons, May 2014 – Oct 2017

- Managed a team of 4 Engineers in sequential planning, initializing project set up and cost codes structure, and developing, tracking, and reporting of the Field Installation Work Packages (FIWPs).
- Supervised planning for Flotation Tailings Thickener Vessel packages and True-Up quantities take off accordingly. Augmented process efficiency with 68% faster project execution.
- Initiated and coordinated RFIs and NCRs for any technical and engineering issues with the clients and subcontractors, saving a total of \$460K every year while increasing overall performance by 86%.

Civil Engineer, Hargrove, Sep 2012 – Mar 2014

- Spearheaded the approval of shop and erection drawings for construction including vendor drawings prior initiation.
- Supervised large construction projects, completing multimillion-dollar construction projects on time and under the budget.
- Managed successful fulfillment of £150 million worth of construction activities at several IBM advanced microelectronics facilities located in Yorktown Heights and East Fishkill, NY.

Education

California Institute of Technology, Jun 2012

Bachelor of Engineering in Civil Engineering, GPA 3.9

Member, Association of College Engineers | Volunteer, Community Service for Aspiring Engineers

Skills

AutoCAD, Revit, Structural Engineering, Construction Planning & Scheduling, Quality Assurance & Control, Project Estimation, Attention to Detail, Cross-Functional Efficiency, Team Engagement, Negotiation, Spanish (fluent)

Certifications & Awards

National Society of Professional Engineers Certification, 2019

Fundamentals of Engineering Certification, 2016

Go Extra Mile Award (GEM), Peter Kiewit Sons, 2017