

Matt Schwabauer

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EXPERIENCE

Kiewit, 2007 - 2011, San Diego, CA / Vancouver, BC

Contract Administration Estimator, Port Mann Highway 1 Project

- Drafted and compiled costs into \$2.5 Million Proposed Change Order. Documented all impacts to construction and design.
- Communicated with a large team of engineers, managers, and subcontractors to ensure complete scope coverage and prevent duplication.
- Created and led online training session for other engineers on Welding and Weld Testing.

Estimator, San Diego Area Office

- Collaborated on approximately one dozen heavy civil construction project bids including transmission lines, waterworks, roadworks, and railroads in the \$50 - \$200 Million each range.
- Contributed to the business development process of researching upcoming opportunities, networking with potential partners, participating in prebid conferences, and tracking ongoing contracts.
- Performed quantity takeoffs, pricing, past cost comparisons to generate estimates and then presented methods and reasoning to managers at multiple levels of estimate review.
- Studied and documented performance of three operations including jetty stone placement, sheet pile installation, and grouting of rip rap for future bidding purposes.

Job Engineer, San Vicente Pumping Facilities

- Managed lay out, ordering, receiving, and installation of pump station cooling water system including steel pipe, pumps, heat exchangers, pipe supports, and concrete equipment pads.
- Tracked quantities, ordered material, and verified cost coding for earthworks and pipeline operations.
- Identified and justified over \$1 Million in costs related to a subcontractor material delivery delay and manufacturing errors resulting in a \$6 Million claim when combined with impacts to the entire project.
- Oversaw Storm Water Pollution Prevention Plan, recognized as the best in the Southern California District (of approximately 6 projects).
- Created job report summarizing operations and performance records for future reference.

Bulley & Andrews, Winter/Summer 2006, Chicago, IL

General Contracting Intern

- Directly assisted company Vice President in pursuit and coordination of commercial building projects including laboratory space, hospitals, hotels, and high rises in the \$5 - \$50 Million each range.
- Processed submittals, drafted contracts, and created change orders on multiple projects simultaneously.

Freedman Seating Company, Summer 2005, Chicago, IL

Manufacturing Engineering Intern

- Assisted Senior Engineer of New Product Engineering in assembly of prototypes.
- Participated in execution of performance tests and interpretation of results.
- Updated CAD drawings and communicated design changes to assembly line.

Northwestern University Information Technology, part-time during school 2004 - 2006

Technical Support Consultant

- Provided computer assistance and education to students, staff, and faculty via phone and email.
- Researched computer and network issues; attended relevant training sessions to stay current.

Culver's Restaurant, full-time in Summer and part-time during school year, 2002 - 2004

Shift Leader

- Supervised crew of three to seven people in restaurant operation and nightly closing.

EDUCATION

Northwestern University, Bachelor of Science, Mechanical Engineering (2007)

TEAM DESIGN PROJECTS**The Rehabilitation Institute of Chicago (2004)**

Reading Easel for Hemiplegics

- Attentively implemented client feedback to design and construct a sleek final prototype.
- Invited to present project before Engineering Advisory Council.

Treadmill Control Panel for the Visually Impaired

- Used effective brainstorming techniques to generate an innovative solution to a vague problem.
- Awarded blue ribbon for outstanding final solution, prototype, and presentation.

CERTIFICATION:

Engineer in Training (EIT), passed Fundamentals of Engineering Exam (FE).

COMPUTER SKILLS:

Some experience in Linux, Video Editing, 3D Modeling (Solidworks), AutoCAD, PHP, C++, SQL, MATLAB, HTML, CSS. Competent in Spreadsheets, Word Processing.

CONSTRUCTION SKILLS:

Competent with construction safety, quality, and environmental best practices; reading and understanding plans and specifications, estimating, and project management.

SHOP AND FABRICATION SKILLS:

Competent with most hand tools, some experience with welders, milling machines, lathes, table and band saws.