

Martin Jonathan Scott

General Foreman QC & Project Manager.

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About

With 17 years of experience in the construction industry, including 5 years of managing multiple projects for a welding company. I utilize mathematical principles and software proficiency to enhance the project documentation and streamline fabrication processes for large projects.

Experience

General Foreman

Mobileweld.

Nov 2018 - Nov 2024

Supervised and successfully delivered a diverse portfolio of residential and commercial projects consistently meeting timelines and staying within budgets. Optimized workflows, resolved complex challenges, and enhanced operational efficiency through documentation and process improvements.

- I reduced fabrication time by 30% by applying mathematical principles, including the Pythagorean theorem, to optimize stair stringer fabrication workflows.
- Developed clear and concise documentation to enhance communication between fabrication and installation teams, which significantly reduced errors and rework during the installation phase.
- Analyzed project blueprints to extract critical welding and fabrication requirements for accurate bidding.
- Innovated project cost-tracking by integrating custom arithmetic equations into Google Sheets and created a visualization chart to facilitate the data analysis.
- Contributed to the implementation of safety protocols and training that contributed to a consistently low incident rate across all supervised projects.

Journeymen

Evanart

May 2018 – September 2018

Member of the installation crew, responsible for troubleshooting field conditions and managing logistics for the installation of structural and architectural steel projects.

- Structural welding.
- Stainless steel welding
- Heavy equipment

Technical Skills

- Google Drive and Microsoft Office Proficiency
- 3D modeling software
SketchUp, SolidWorks
- AI literacy: Familiar with foundational AI concepts, ethical implications, and practical applications in project workflows.

Education



University Of London. - BS Computer Science (International Program, Expected Sep 2028)

Focused on software engineering, data science, and AI integration.

Technical Skills

Languages & Tools: JavaScript, HTML, CSS, Python, SQL, Git

Runtime & Frameworks: React, Node.js, Bootstrap

Libraries: jQuery, Leaflet, p5.js, AOS

Design & Animation: Figma, GIMP, Inkscape, Aseprite

Other Tools: Netlify, Cloudflare, Mailgun, GitHub

Certifications

- 30-hr Construction Safety and Health (OSHA-30) Feb 2020.
- [QC Inspection on Steel Fabrication](#) - City of Los Angeles, Sep 2021.
- [Google Project Management Specialization](#) - Coursera, Mar 2024.
- [Google IT Professional Certificate](#) - Coursera Feb 2025.
- [IBM Data Science Professional Certificate](#) - Coursera Dec 2024.
- [University of London: Introduction to Computer Science and Programming Specialization](#) - Coursera - June 2024
- [Johns Hopkins University: Algebra Elementary to Advanced](#) - Coursera - Sep 2024