

Nicholas Radstake

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Professional Summary

Results-driven Project Manager & Industrial Engineer with expertise in cost estimation, CAD design, process optimization, and data analysis. Adept at improving operational efficiency, leading cross-functional teams, and managing large-scale projects. Proven ability to streamline workflows, enhance cost accuracy, and integrate AI-powered automation for business intelligence.

Work Experience

Central Florida Fire Underground | Orlando FL - Remote

President (Dec 2024 – Present)

- Founded and built CFF from the ground up, managing all aspects of company formation, including licensing, business registration, and compliance with Florida construction regulations.
- Serve as license holder for the company, ensuring all operations meet legal and safety standards.
- Led estimating operations for underground fire protection projects, preparing accurate bids and securing new contracts.
- Trained and managed crews, developing SOPs and improving productivity on-site.
- Oversaw day-to-day operations, including scheduling crews, coordinating subcontractors, and handling project logistics.
- Developed strong client and municipal relationships to ensure smooth permitting, inspections, and project approvals.
- Managed all technical aspects of job execution including CAD review, design feedback, and value engineering with DFM teams.
- Resolved construction and production issues in the field, maintaining timelines and customer satisfaction.
- Drove growth by identifying strategic opportunities and expanding service offerings within the fire utility sector.

Xometry | Remote

Sr. Project Engineer Team Lead (Sept 2023 –Present)

Sr. Project Engineer (Mar 2023 – Sept 2023)

- Led execution of complex injection molding projects, including urethane casting and die casting, ensuring high-quality output and on-time delivery.
- Built strong client relationships, delivering customized solutions to exceed expectations.
- Collaborated with DFM engineers to implement design optimizations, increasing production efficiency and cost-effectiveness.
- Conducted CAD file evaluations and revisions, reducing errors and improving production efficiency.
- Resolved production issues efficiently, minimizing downtime and keeping projects on track.

Central Florida Tapping & Construction Services Inc. | Longwood, FL - Remote

Chief Estimator (Aug 2019 – Mar 2023) |

Project Manager / Estimator (Mar 2016 – Aug 2019)

Estimator (Jan 2015 – Mar 2016)

- Managed large-scale project cost estimation for \$1M - \$5M underground water and emergency fire piping systems.
- Designed and optimized fire protection systems for multi-unit residential and commercial properties.
- Utilized AutoCAD, Bluebeam, and Revit to modify project plans for permit approvals and compliance.
- Integrated data analytics & machine learning models to refine cost projections and workflow automation.
- Improved company-wide processes, boosting efficiency by 65% and reducing errors by 60%.
- Led end-to-end project execution, overseeing material delivery, scheduling, and client coordination.
- Developed digital field-access systems for teams, increasing efficiency and reducing lost documentation.

ALSM (Associated Land Surveying & Mapping Inc.) | Altamonte Springs, FL

Field Surveyor (July 2014 - Jan 2015)

- Operated Total Station & Transit-Level for land surveying and property boundary mapping.
- Assisted in GIS mapping, topographic data collection, and elevation assessments.
- Conducted site analysis & strategic approach planning for optimal surveying efficiency.

Hutchings Automotive Products | Sanford, FL

Quality Supervisor (Feb 2013 – Nov 2013)

- Led quality control processes for precision manufacturing, reducing defect rates by 30%.
- Implemented batch testing, statistical process control, and inspection protocols.
- Coordinated engineering & production teams to ensure regulatory compliance.

Education

- **University of Central Florida** | B.S. in **Industrial Engineering**
- **Seminole State College** | **Associate of Arts Degree**
- **ITBA** | Masters in **Management & Analytics**

Entrepreneurship & Business

Nick's Café – Buenos Aires, Argentina | Founder & CEO (Dec 2023 – Present)

- Manage financial operations, maintaining 20% profit margins on \$20K-\$30K monthly revenue.
 - Lead team management, supply chain logistics, and business process optimization.
 - Navigate Argentine business regulations and taxation compliance.
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Key Skills & Competencies

- **Project Management:** Cost Estimation, Scheduling, Risk Assessment, Vendor Coordination, Procurement
 - **Engineering & CAD:** AutoCAD, Bluebeam, Revit, 3D Modeling, Fire Protection System Design
 - **Data Science & Analytics:** Excel (VBA, Macros, Pivot Tables), Python (Pandas, NumPy), MATLAB, SQL
 - **Automation & AI:** AI-Powered Data Processing, Predictive Analytics, Algorithm Development
 - **Software & Tools:** Microsoft Project, Primavera P6, Power BI, Tableau, Jira, Trello
 - **Bilingual:** Fluent in **English & Spanish**
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Certifications

- **Fire Protection System Contractor V Holder**
 - **AutoCAD Certification**
 - **IBM Data Science**
 - **JavaScript, CSS, HTML, SCSS**
 - **React.js**
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Notable Achievements

- Developed a digital file-sharing system, increasing efficiency by 25% and reducing errors by 60%.
- Implemented automation tools for cost estimation, optimizing pricing strategies and labor projections.
- Designed a material optimization model using AI-based forecasting, enabling efficient material allocation during shortages.
- Created a mobile field-access system with iPads, enabling real-time plan access for construction teams.
- Led the transition from physical to digital takeoffs, reducing delays and improving tracking.