

Marvin J. Largo

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Profile

- Construction Estimator with a project management background and experience across commercial & institutional projects, delivering \$75M+ in bids in Canada since 2023.
- Builds software automation for drawing and takeoff workflows (Python/VBA), reducing manual effort ~30% and improving consistency.

Relevant Skills

- Estimating & Precon: quantity takeoffs, cost estimating, bid strategy, value engineering, scope review
- Automation: Python, Excel/VBA, Git/GitHub, REST APIs (basic)
- Deployment: Docker (basic), Linux/Ubuntu (basic), local VM environments
- Drawing workflows: AutoCAD-oriented automation concepts (DXF/PDF generation), standardizing grids/levels/dimensions

Selected Project

- Drawing Automation & Takeoff Support Tool (Python) — <https://github.com/marvinjlargo/wallstakeofftool/>
- Generates standardized drawing sheets (DXF) and exports drawing packages (DXF/PDF) to support faster, repeatable takeoffs.
- Standardizes grids/levels/dimensions and produces repeatable layouts/views for consistent production-style outputs.

Work Experience

Construction Estimator March 2023 - Present Coreslab Structures, Hamilton, On

- Led estimating for commercial & institutional projects, producing takeoffs, bids, and pricing proposals totaling \$75M+ since 2023.
- Managed 10–12 active bids/projects; partnered with PMs, engineers, and sales to align scope, budget, and schedule assumptions.
- Built VBA/Python automation for Bluebeam/Excel workflows, reducing manual work ~30% and improving estimating consistency.
- Mentored junior estimators and supported bid strategy reviews to deliver defensible, competitive proposals.

Production Scheduler / Scheduling Assistant April 2022 - March 2023 Coreslab Structures, Hamilton, On

- Planned shipping loads for 1,000,000+ ft² of precast elements, improving sequencing and reducing freight costs.
- Coordinated with engineering, logistics, and installation teams to maintain on-time deliveries and compliance.

Development Manager January 2020 - January 2021 Altamira Campestre Developer, San Jose del Guaviare, Colombia

- Managed urban planning and permitting for **100-acre luxury housing development**, coordinating with municipal planning offices to streamline approval processes.
- Oversaw preliminary design, zoning compliance, and infrastructure layout for roads, utilities, and green spaces.

Education

- **Analysis and Software Development — SENA (Online Colombia)** (*2nd semester, in progress*)
- **PMP Candidate (Application Approved)** – Project Management Institute (PMI)
- **Graduate Certificate in Supply Chain Management** – Mohawk College, ON
- **B.Sc. in Civil Engineering** – Universidad Cooperativa de Colombia